AR TARGET SHEET

The following document was too large to scan as one unit, therefore, it has been divided into sections.

EDMC#:

0075858

SECTION:

2 OF 2

DOCUMENT #: 08-AMCP-0085

TITLE:

ADMINISTRATIVE

DECOMMISSIONING FOR WELLS WITH SURVEYS

699-11-E5A A8227

WELL ID	A8227		NORTHING	126875.69	FIELD ORDER NO					
WELL NAME	699-11-E5A		EASTING	591350.805 LAST INSPECTION 1/		1/1/	180	1		
HOST WELL ID			ELEVATION	140.81	CONST DATE					
GW OPERABLE UNIT	300-FF-5		DRILL DATE	12/31/1974	CONST DEPTH					
PROGRAMS										
WASTE SITES 50FT										
WM PLAN(S)										
WASTE STORAGE(S)		·								
	SPECTION INFO	_			JRRENT INSPECTION IN	NFO		10		
WELL PAD		U YES	□ NO ☑ ND	WELL PAD		<u>_</u>	YES	Ļ	NO	
BRASS SURVEY MARKER		YES	□ NO ☑ ND	BRASS SURVEY	MARKER	<u> </u>	YES		NO	
MARKER STAMPED WIT		☐ YES	□ NO 🗹 ND	MARKER STAM	PED WITH SURVEY DATA		YES		NO	
MARKER STAMPED WIT	H WELL ID DATA	YES	□ NO 🗹 ND	MARKER STAM	PED WITH WELL ID DATA		YES		NO	
WELL LABELED WITH W	ELL ID	YES	□ NO ND	WELL LABELED	WITH WELL ID		YES		NO	
WELL LABELED WITH W	ELL NAME	☐ YES	□ NO 🗹 ND	WELL LABELED	WITH WELL NAME		YES		NO	
PROTECTIVE POSTS		YES	□ NO ☑ ND	PROTECTIVE PO	OSTS		YEŞ		NO	
REMOVABLE POST IN P	LACE	☐ YES	□ NO 🗹 ND	REMOVABLE PO	OST IN PLACE		YES		NO	
WELL LOCK		☐ YES	□ NO 🗹 ND	WELL LOCK			YES		NO	
WELL DAMAGED		☐ YES	□ NO ✓ ND	WELL DAMAGE	D		YES		NO	
WELL IS DRY		YES	□ NO ✓ ND	WELL IS DRY		Ē	YES		NO	
PARTED CASING		☐ YES	□ NO ☑ ND	PARTED CASIN	G ·	Ē	YES	$\overline{\Box}$	NO	
BENTONITE IN WELL		YES	□ NO ☑ ND	BENTONITE IN	WELL	Ē	YES	$\overline{\sqcap}$	NO	
WELL SANDED IN		YES	□ NO 🔽 ND	WELL SANDED		Ī	YES	干	NO	
COLLAPSED CASING		☐ YES	□ NO 🗸 ND	COLLAPSED CAS			YES	一	NO	
EQUIPMENT IN WELL		YES	□ NO ☑ ND	EQUIPMENT IN			YES	Ħ	NO	
DEBRIS IN WELL		YES	□ NO ☑ ND	DEBRIS IN WEL			YES	<u> </u>	NO	
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DATE ACTIVITY PERFORM PUMP IN WELL PUMP TESTED NEW PUMP PUMP TYPE PUMP MAKE PUMP MODEL PUMP INTAKE DEPTH (fit) TUBING SIZE (in) TUBING MATERIAL TUBING LENGTH (fit) TUBING CONNECTION LAST MEA DEPTH TO WATER (fit) DEPTH TO WATER DATE DEPTH TO BOTTOM(fit)	TUBING INFORI	☐ YES ☐ YES ☐ YES ☐ YES	IRED NO V ND NO V ND NO V ND	DATE ACTIVITY PUMP IN WELL PUMP TESTED NEW PUMP PUMP TYPE PUMP MAKE PUMP MODEL PUMP INTAKE D TUBING SIZE (in TUBING MATER TUBING LENGTH TUBING CONNE CUR DEPTH TO WAT DEPTH TO BOT	DEPTH (ft) CURRENT TUBING INFO IAL H (ft) CCTION RENT MEASUREMENT IN ER(ft) ER DATE FOM(ft)		YES YES YES ATIO	IRE	NO NO NO	
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DATE ACTIVITY PERFORM PUMP IN WELL PUMP TESTED NEW PUMP PUMP TYPE PUMP MAKE PUMP MODEL PUMP INTAKE DEPTH (fit) TUBING SIZE (in) TUBING MATERIAL TUBING LENGTH (fit) TUBING CONNECTION LAST MEA DEPTH TO WATER (fit) DEPTH TO WATER DATE DEPTH TO BOTTOM(fit)	TUBING INFORI	☐ YES ☐ YES ☐ YES ☐ YES	IRED NO V ND NO V ND NO V ND	DATE ACTIVITY PUMP IN WELL PUMP TESTED NEW PUMP PUMP TYPE PUMP MAKE PUMP MODEL PUMP INTAKE D TUBING SIZE (in TUBING MATER TUBING LENGTH TUBING CONNE CUR DEPTH TO WAT DEPTH TO BOT	PERFORMED DEPTH (ft) CURRENT TUBING INFO IAL H (ft) CCTION RENT MEASUREMENT II ER(ft) ER DATE TOM(ft) TOM DATE		YES YES YES ATIO	IRE	NO NO NO	J

WELL ID	A8227	NORTHING	126875.69	FIELD OR	DER NO		
WELL ID	699-11-E5A	EASTING	591350.805	LAST INSP	ECTION	1/1/1801	
HOST WELL ID	035 11 231	ELEVATION	140.81	CONST DA	TE		
GW OPERABLE UN	IT 300-FF-5	DRILL DATE	12/31/1974	CONST DE	PTH		·
PROGRAMS		 				•••	
WASTE SITES 50F	Т						
WM PLAN(S)				·			
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	_	WELL ATTR	IBUTE COMME	NTS			
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SIZE/UNITS TO	P/BOT/UNITS	MATERIAL	TYPE	CONNECTION	THICKNESS	/UNITS	REMOVED
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SIZE/UNITS IN	DP/BOT/UNITS	MATERIAL					
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CHANGES							
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NOCHWEST ENERGY

SEE SURVEY REPORT - WELL DECOMMISSIONED - GLE G/S/09

<i>y</i>	8227					LAST INSPECTION NORTHING	1	l/1/1801 l26875.6	9	· —
_	99-11-E5A		_		T DATE	EASTING		91350.8	05	
HOST WELL ID			_	CONS	ST DEPTH	ELEVATION		140.81		
LAST	INSPECTION	INFO	RMATIC	ON		CURRENT INSPECTION IN	VFORM	IATION	•	
WELL PAD	• •		YES	□ NO	✓ ND*	WELL PAD		YES	□ NC	 0
BRASS SURVEY MARKER			YES	□ NO	✓ ND*	BRASS SURVEY MARKER		YES	□ NC	0
MARKER STAMPED WITH !	SURVEY DATA		YES	□ NO	✓ ND*	MARKER STAMPED WITH SURVEY DATA		YES	□ NO	0
MARKER STAMPED WITH	WELL ID DATA		YES	□ NO	✓ ND*	MARKER STAMPED WITH WELL ID DATA		YES		0
WELL LABELED WITH WEL	L ID		YES	□ NO	✓ ND*	WELL LABELED WITH WELL ID		YES		0
WELL LABELED WITH WEL	L NAME		YES	□ NO	☑ ND*	WELL LABELED WITH WELL NAME		YES		0
PROTECTIVE POSTS			YES	□ NO	✓ ND*	PROTECTIVE POSTS		YES		0
REMOVABLE POST IN PLACE	Œ		YES	□ NO	₩ ND*	REMOVABLE POST IN PLACE		YES	□ NC	0
WELL LOCK			YES	□ NO	☑ ND*	WELL LOCK		YES		0_
WELL DAMAGED			YES	□ NO	☑ ND*	WELL DAMAGED		YES		0
WELL IS DRY			YES		☑ ND*	WELL IS DRY		YES	□ NC	0
PARTED CASING			YES	□ NO	✓ ND*	PARTED CASING		YES	□ NC	0
BENTONITE IN WELL			YES	□ NO	✓ ND*	BENTONITE IN WELL		YES		0
WELL SANDED IN			YES	□ NO	✓ ND*	WELL SANDED IN		YES	□ NC	٥
LLAPSED CASING			YES		✓ ND*	COLLAPSED CASING		YES		0
QUIPMENT IN WELL	·		YES		✓ NĐ*	EQUIPMENT IN WELL		YES	□ NC	0
DEBRIS IN WELL			YES	□ №	✓ ND*	DEBRIS IN WELL		YES		0
SURFACE EROSION			MAJOR	NON 🗆	E	SURFACE EROSION		MAJOR	□ NO1	NE
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NEW PUMP			YES	U NO		NEW PUMP		-		
ACTIVITY PEFORMED BY		ND*	YES	□ NO	✓ ND*	ACTIVITY PEFORMED BY		YES	□ NO	<u>. </u>
DATE ACTIVITY PERFORM	 ED					DATE ACTIVITY PERFORMED				
PUMP TYPE		ND*				PUMP TYPE				
PUMP MAKE		ND*				PUMP MAKE				
PUMP MODEL		ND*			·_ · · · ·	PUMP MODEL				
PUMP INTAKE DEPTH (ft)						PUMP INTAKE DEPTH (ft)				
TUBING SIZE (in)	 					TUBING SIZE (in)	 -	 		
TUBING MATERIAL		ND*				TUBING MATERIAL				
'BING LENGTH (ft)	·······························	<u></u>		·		TUBING LENGTH (ft)				
,JBING CONNECTION		ND*				TUBING CONNECTION			,	

SEE SURVEY REPORT - WELL DECOMMISSIONED

IELD ORDE	R NO		35.00 · · · · · · · · · · · · · · · · · ·			L	AST INSPECTION	1/1/1801
WELL ID		A8227					ORTHING	126875.69
WELL NAME HOST WELL	Th	699-11-E5		ONST DATE			ASTING	591350.805
HOST WELL	ענ			ONST DEPTH		E	LEVATION	140.81
		MEASUREM	ENT INFORMATION		T		<u> </u>	
			LAST	CURRENT	-	_	<u></u>	i
A DEPTH TO W	VATER(ft)					<u> </u>		
DEPTH TO W	VATER DA	TE						
B DEPTH TO B	OTTOM(ft)			-			
DEPTH TO B	OTTOM D	ATE		· · · · · · · · · · · · · · · · · · ·	-			
C STICK UP(ft)				<u> </u>	-		1	`
D REFERENCE	MARK(ft)				-		ŀ	
REFERENCE I	MARK IS	гос 🗆 ув	S NO W ND*	☐ YES ☐ NO	-			B .
<u> </u>				<u> </u>	-			
		PERFORAT	ION INFORMATION					
CASING SIZE	TOP	BOTTOM	CUTS/FT/ROUND			▼ Der	th to Water	
			•			•	<u> </u>	
CHANGES								
						Depth	to Bottom of Well	
			m-u-					o Bottom of Casing
/							R FROM TOP OF CA! OM OF WELL FROM '	
		CASING	INFORMATION		C TOP OF C	ASING	TO GROUND SURFA TO SURVEY REFERE	CE/PAD
SIZE	TOP I	воттом	MATERIAL	TYPE	CONNECT	ION	THICKNESS	
			÷					
CHANGES								
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		SCREEN	INFORMATION					
SIZE 1	ГОР Е	воттом	MATERIAL	Т	YPE		SLOT SIZE	
						اـــــــــــــــــــــــــــــــــــــ		_]
CHANGES								
			 					

WELL NAME WELL TYPE	COORDINATES L 83 PLANT	CASING ELEV WELL DIAM	DRILL_DEPTH	PERF/	SCREEN		PAGE 256 COMMENTS
PUMP TYPE	NS/EW NS/EW	DATE_COMPL	DEPTH_WATER	TYPE DIAM	TOP	вот	PREVIOUS WELL NAMES
699-10-4	9600.0	0	74.0				
SW	-3800.0	0					B-SP-5
699-10-6	10400.0	0 458.40	94.0				 -
SW	-5600.0	-					1D-SP-1
699-10-10	10014.0		125.0				SEISMIC SHOT HOLE FILLED
SW	-9862.0	0 5.0	125.0				
		3/63					SP. 3-4 GSI
699-10-30A GW	9909.0 -30464.0		780.0 466.0				4" PLASTIC LINER
В		12/81	92.0				699-10-30, GOLDER
699-10-30B GW		6.0					
		12/81	154.0				
699-10-54A GW	10150.0 -53550.0		200.0 144.0	P 8.0	103.0	123.0	PLUG AT 144 FT.
S	-55550.0	12/50	111.0				10.2-53.5, USGS
699-10-54B	10125.0						BWIP WELL DC-12; ABANDONED
AB	-53687.0	0 3.0 5/81	4455.0				DC-12
699-10-99	10200.0	:	1003.0				
os	-98550.0	0 12/22	1003.0				RATSNK NO.11
699-11-E10	11400.0	0 464.10	130.0				
	Hanford Wells						1B-SP-18
3.6	PNL-8800 UC-903		125.0				15-52-15
M.	A. Chamness & J. K. I August 1993	vierz					
Prepare	ed for U.S. Dept of Ener	gy under	99.0	•			1B-SP-17
	ntract DE-AC06-76RLO		567.0				•
Pacific N	W Lab by Battelle Memo	rial Institute					BH-143
`699-11-E5 SW	11000.0 4700.0		121.0		,		
		12/74					1C-SP-7

public de la proposition della 121 50/2/2 52284 878

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1 of 1 Query HWIS again

IWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNITS	QUALIFIE
A8227	699-11-E5A	UNKNOWN	NAD83	01/01/1801	CONVERTED	126875.69	591350.805	m	
~~~~									

·	SURVEY DATA	REPORT	·		I .	quest No. 3-268	
Project No.	Title: Well Decommissioning A822	7 /899-11-4	9 E 5.	A	.	e No. T11R28	
Job No. 65400811.1225400	Prepared By Tim Johnson	Date 6/8/2007		Reviewer	AW _		Page 1 of 2
	DESCRIPTION OF WORK		DISTR	BUTION	SDR	PLOT	DWG
Survey well location	on for A8227. If found, fill out WAR F	Report. If not found,	Survey	File	OR		
set hub and lath. T		•	B. How	ard .	1 _		
Coordinate System	n: US State Plane 1983		C. Wrig	ght	1		
Zone:	Washington South 4602		G. Kelt	у	1		
Project Datum:	NAD 1983 (Conus) NAVD 1988		E. Rafu	ise	1		
Vertical Datum: Geoid Model:	Geoid03			Webber	<del>                                     </del>		
Units:	Meters				<del></del>		

#### SURVEY RESULTS AND COMMENTS

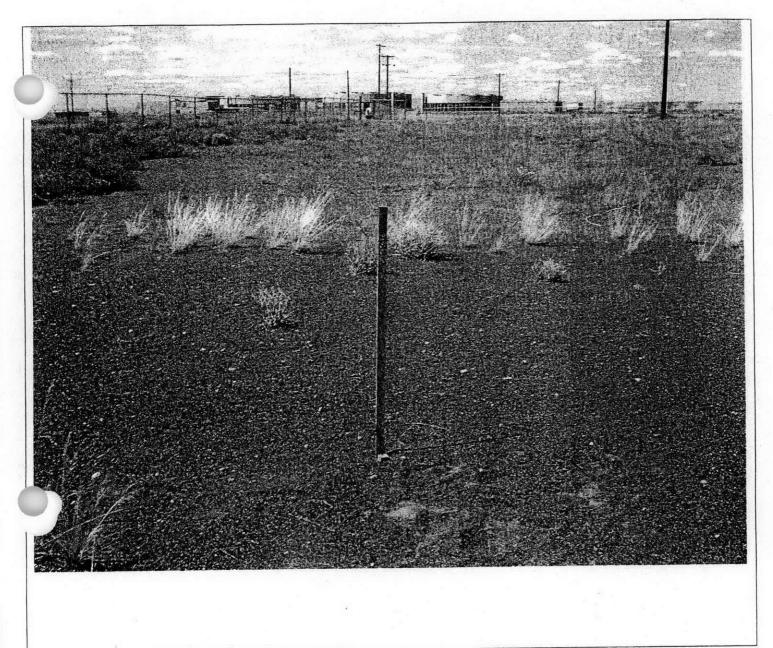
Well ID# A8227 was not found at the listed coordinates: N126875.69 E591350.81

Set hub and lath.

Equipment Used: Trimble 5800 GPS Receiver, RTK

See Photo

JTE: This Survey was performed under the supervision of a Licensed Professional Land Surveyor registered in the State of Washington.



A8227

⊠ Survey				Request No.
Scan	SUR		0 7 3 - 0 2 6 8	
Project No.	Title			File No.
	Well Decommissioning	: Energy Northwest Plant #	11 & #4 Areas	6 A T I I R 2 8
ر No.	Requested By		Phone	Date Required
65400811.1225400 CA10	Bonnie Howard		373-3935 / 366-6173	ASAP
Field Contact		Organization	Phone	Location
Ed Rafuse		FH	373-5941 / 539-3859	MO413 / 107 / 200E
R	EFERENCE DOCUMEN	TS	GRID SYSTEM	DISTRIBUTION
QMAP Plot & HWIS Coord	inate List			Survey File
			Plant	B.J. Howard I
			☐ Area ☐ Geographic	E.C. Rafuse         1           G.G. Kelty         1
	LOCATION OF WORK		WORK CONDITIONS	W.D.WESBER I
ENW Plant #1 & #4/ 600A			SWP	
Elitif I mit il to il il oboliti	(COO DIIONI)		☐ Mask	
		•	Operator	
		COP AV. I T. I CANONIC	Exclusion Entry	
· · · · · · · · · · · · · · · · · · ·		SPECIAL INSTRUC	TIONS	
				•
ITEM		DESCRIPTION	OF WORK	
	ells in support of Well De	commissioning. If found, o	btain information for WAR re	port.
1. State of locate in	one memphers		, A8311, A8312, A8313, A83	16 A 9227 & A 9347
Wells: A8227, A	8257, A8274, A8286, A8.	304, A8308, A8309, A8310	, Mooti, Mootz, Mooto, Moo.	50, A0557 & A0547.
·				
	· · · · · · · · · · · · · · · · · · ·			
		<u> </u>		
		·		
Prepared By		Date	Reviewed By	
N.P. Fastabend		4/24/07		
		NOTES/COMM	ENTS	
1 4 8		to the model for the probability		
Lead Surveyor/Crew				
3223#				
1				
}				
1.				
.te.	Signature:			

Query HWIS again

#### **HWIS Interface - Well History Information - Drilling**

WELL_ID	WELL_NAME	DRILL_DATE	START_CARD_NUMBER	DRILL_DEPTH	DRILL_DEPTH	UNITS COMMENTS
A8227	699-11-E5A	12/31/1974		121	ft	

WELL ID	A8246		NORTH	TNG	127212.438	FIELD ORDER NO				
WELL NAME	699-12-2A		EASTIN		589276.392	LAST INSPECTION	1/	/180	11	
HOST WELL ID	055-12-2A		ELEVAT	_	309270.392	CONST DATE	1/.	/100	/1	
GW OPERABLE UNIT	300-FF-5		DRILL		1/1/1801	CONST DEPTH	<del></del>			
PROGRAMS	300-11-3		DRILL	DAIL	1/1/1601	CONST DEPTH				
WASTE SITES 50FT							<del></del> -			
WM PLAN(S)	Waste Managem	ent Plan	for the 30	M-FF-5	Operable Unit./REV	NIIM 1				
WASTE STORAGE(S)	310 TEDF YARD		· ·	70-11-3	operable Offic, REV	HOM I				
	ISPECTION INF				<del></del>	JRRENT INSPECTION IN				
WELL PAD		YES	_==	<b>☑</b> ND			U YE	==	NO	
BRASS SURVEY MARKER		YES					YE	_=	NO	
MARKER STAMPED WITH		YES		_=_		PED WITH SURVEY DATA	YE	_=	NO	
MARKER STAMPED WITH		YES		_=_		PED WITH WELL ID DATA	YE	=	NO	
WELL LABELED WITH W		YES				WITH WELL ID	YE		NO	
WELL LABELED WITH W	ELL NAME	YES	_=_			WITH WELL NAME	YE	_=	NO	
PROTECTIVE POSTS	·	YES				****	YE	_=	NO	
REMOVABLE POST IN PL	ACE	YES		<b>✓</b> ND		OST IN PLACE	YE		NO	
WELL LOCK		YES					YE	_=	NO	•
WELL DAMAGED		YES				D	U YE		NO	
WELL IS DRY		YES		<b>✓</b> ND			U YE	_=	NO	<del></del>
PARTED CASING		YES			<del></del>	<del></del>	U YE	=	NO	
BENTONITE IN WELL		YES	-=				U YE	<u> </u>	NO	
WELL SANDED IN		U YES	_=_				YE	=	NO	
COLLAPSED CASING		YES	_=_				L YE		NO	
EQUIPMENT IN WELL		YES					YE	_=	NO	
DEBRIS IN WELL		YES		<u>✓</u> ND			YE		NO	
SURFACE EROSION		☐ MAJ		<b>V</b> ND	SURFACE EROS	ION		JOR		
		∐ MIN					_	NOR		
		NON L	VE				NO			
<u> </u>	PUMP INFORM		TALL CO.	[a] NB	DI MAD ACCEDIO	CURRENT PUMP INFO				
PUMP ACTIVITY PERFOR	RMED	_	TALLED	<b>✓</b> ND	PUMP ACTIVITY	r Performed	=	TALI		
	•		PECTED				=	SPEC	TED	
		ION []					∐ NO			
		=	IOVED					MOVI		
		=	LACED				=	PLAC		
		REP	AIRED				L RE	PAIR	ED	
ACTIVITY PEFORMED BY				<del></del> .	ACTIVITY PEFO					
DATE ACTIVITY PERFOR	MED	<u> </u>		[ ]	DATE ACTIVITY					
PUMP IN WELL		YES		<b>V</b> ND			YE		NO	
PUMP TESTED		YES		V ND			☐ YE		NO	
NEW PUMP		YES	U NO	<b>✓</b> ND			YE:	<u>-</u> _	NO	
PUMP TYPE PUMP MAKE				•	PUMP TYPE					
PUMP MODEL					PUMP MAKE					<del></del> -
PUMP INTAKE DEPTH (ft	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \				PUMP MODEL PUMP INTAKE I	SERTU (A)				
	TUBING INFOR	MATION	<u>,</u>			CURRENT TUBING INFO	DMAT	ON-		
TUBING SIZE (in)	TODING INFOR	MAILON			TUBING SIZE (i		JKPIA I	ON		· · · · · · · · · · · · · · · · · · ·
TUBING MATERIAL					TUBING MATER	· · · · · · · · · · · · · · · · · · ·				
TUBING LENGTH (ft)					TUBING LENGT					
TUBING CONNECTION					TUBING CONNE					
	SUREMENT INF	ORMAT	TON		·	RENT MEASUREMENT I	NEOPH	ATT	ON	
DEPTH TO WATER(ft)	SOREMENI INF	UNITAL.			DEPTH TO WAT		HI VKM	W111	UI4	
DEPTH TO WATER DATE			··	<u>-</u> -	DEPTH TO WAT					,
DEPTH TO BOTTOM(ft)						+		<u></u>		
DEPTH TO BOTTOM DAT	E				DEPTH TO BOT				,	
	L					TOM DATE		=	/_	
STICK UP(ft)					STICK UP(ft)	DV( <del>0</del> )				
REFERENCE MARK(ft)	<u> </u>	VEC	T NO	✓ ND	REFERENCE MA		□ vr		NIC	
REFERENCE MARK IS TO	_	YES	₩U	A MD	REFERENCE MA	ICK 13 IUC	YE	,	NO	

ND* - Not Programmented 9/7/2007 DBCE 1 of 2

WELL ID		A8246	NORTHING	127212.438	FIELD OR	DER NO		
WELL NAME		699-12-2A	EASTING	589276.392	LAST INS	PECTION	1/1/1801	
HOST WELL ID			ELEVATION		CONST DA	TÉ		
GW OPERABLE	UNIT	300-FF-5	DRILL DATE	1/1/1801	CONST DE	PTH		
PROGRAMS						<u>-</u>		
WASTE SITES	50FT		1 Di f H 200 FF F	On a select this	(DEV NEIM 1			
WM PLAN(S)	CE(C)	310 TEDF YARD	nent Plan for the 300-FF-5	Operable Unit./	KEV NUM I			
WASTE STORA	GE(5)	310 TEDE TARD	SE CORNER					
			WELL ATTR	IBUTE COMME	ENTS			
							<del></del>	
		•	CASING	INFORMATIO	<b>N</b>			
SIZE/UNITS	TOD/	POT /LINITE	MATERIAL	ТҮРЕ	CONNECTION	THICKNE	SS/LINTTS	REMOVED
SIZE/UNITS	107/1	BOT/ORTIS	MATERIAL	IIFL	CONNECTION	111201012	33, 0.11.13	KENOTED
L	<u>:</u>							
CHANGES								
					····			
			SCREEN	INFORMATIO	N			
	<del> </del>			-		i SI OT ST	75 / I INITTO	DEMOVED
SIZE/UNITS	TOP/I	BOT/UNITS	MATERIAL		ТҮРЕ	SLOT SI	TE/DUITS	REMOVED
	<u>i</u>						<u>.</u>	
CHANGES								
		····		ON THEODINA	7701			
			PERFORATI	ON INFORMA				
CASING SIZ	ZE/UNI	TS TOP,	/BOT/UNITS		CUTS/FT/ROUND	)		REMOVED
		<u> </u>						
CHANGES								
		· · · · · · · · · · · · · · · · · · ·						

ND* - Not Documented 8/7/2007 PAGE 2 of 2

#### Well ID A8246 Well Name 699-12-2A Inspection ID: 3467

Inspection Date: 01/01/1801

INSPECTION IN	NFORMATION	PUMP INFO	ORMATION
Well Pad	「Yes 「No F ND*	Pump Activity Performed	
Brass Survey Marker	☐ Yes ☐ No ☐ ND*	Activity Performed By	ND*
Marker Stamped w/Survey Data	「Yes 「No F ND*	Date Activity Performed	
Marker Stamped w/Well ID Data	「Yes 「No F ND*	Pump Tested	「Yes □ No □ ND*
Well Labeled w/Well ID	「Yes 「No ☞ ND*	New Pump	☐ Yes ☐ No ☑ ND*
Well Labeled w/Well Name	□ Yes □ No □ ND*	Pump Type	ND*
Protective Posts	☐ Yes ☐ No ☐ ND*	Pump Make	ND*
Removable Posts in Place	□ Yes □ No □ ND*	Pump Model	ND*
Well Lock	☐ Yes ☐ No ☐ ND*	Pump Intake Depth (ft)	
Well Damaged	☐ Yes ☐ No ☐ ND*	TUBING IN	FORMATION
Well is Dry	☐ Yes ☐ No ☑ ND*	Tubing Size (in)	
Parted Casing	☐ Yes ☐ No ☐ ND*	Tubing Material	ND*
Bentonite in Well	☐ Yes ☐ No ☐ ND*	Tubing Length	
Well Sanded In	☐ Yes ☐ No ፫ ND*	Tubing Connection	ND*
Collapsed Casing	☐ Yes ☐ No ☐ ND*		***
Equipment in Well	☐ Yes ☐ No ☐ ND*		
Debris in Well	□ Yes □ No □ ND*		
Surface Erosion	☐ Yes ☐ No 戶 ND*		^
MEASUREMENT	INFORMATION		
A Depth to Water (ft)			B
Depth To Water Date			
B Depth to Bottom (ft)		▼ Depth to Water	<u>.</u>
Depth to Bottom Date			
C Stick Up (ft)		Depth to Bottom of	r Well opth to Bottom of Casing
D Reference Mark (ft)			
Reference Mark in TOC	□ Yes □ No □ ND*	ND* - Not Documented	

# SHE SURVEY REPORT & PHOTO - WELL DEROMMESSIONED

FIELD ORDER NO					LAST INSPECTI		1/1/180:	
WELL ID	A8246				NORTHING		127212.4	·
WELL NAME	699-12-2A			IST DATE	EASTING		589276.	392
HOST WELL ID			CON	IST DEPTH	ELEVATION			
i	AST INSPECTIO	N INFORMA	TION		CURRENT INSPECTION I	NFORI	MOITAM	
WELL PAD		☐ YES	NO D	✓ ND*	WELL PAD		YES	□ NO
BRASS SURVEY MARK	ŒR	☐ YES	NO	✓ ND*	BRASS SURVEY MARKER		YES	□ NO
MARKER STAMPED W	ITH SURVEY DATA	☐ YES	no	✓ ND*	MARKER STAMPED WITH SURVEY DATA		YES	□ NO
MARKER STAMPED W	ITH WELL ID DATA			✓ ND*	MARKER STAMPED WITH WELL ID DATA		YES	
WELL LABELED WITH	WELL ID	☐ YES	. □ NO	✓ ND*	WELL LABELED WITH WELL ID		YES	
WELL LABELED WITH	WELL NAME	☐ YES	□ NO	✓ ND*	WELL LABELED WITH WELL NAME		YES	
PROTECTIVE POSTS		☐ YES	. □ NO	✓ ND*	PROTECTIVE POSTS		YES	□ NO
REMOVABLE POST IN	PLACE	☐ YES	□ NO	✓ ND*	REMOVABLE POST IN PLACE		YES	□ NO
WELL LOCK		☐ YES	. □ NO	✓ ND*	WELL LOCK		YES	□ NO
WELL DAMAGED		☐ YES	□ NO	✓ ND*	WELL DAMAGED		YES	□ NO
WELL IS DRY		☐ YES	o no	✓ ND*	WELL IS DRY		YES	□ NO
PARTED CASING		☐ YES	no 🗆	✓ ND*	PARTED CASING		YES	□ NO
BENTONITE IN WELL		☐ YES	. □ NO	✓ ND*	BENTONITE IN WELL		YES	□ NO
WELL SANDED IN		☐ YES	. O NO	✓ ND*	WELL SANDED IN		YES	□ NO
COLLAPSED CASING		☐ YES	No	✓ ND*	COLLAPSED CASING		YES	□ NO
QUIPMENT IN WELL		☐ YES	□ NO	✓ ND*	EQUIPMENT IN WELL		YES	□ NO
DEBRIS IN WELL		☐ YES	□ NO	✓ ND*	DEBRIS IN WELL		YES	□ NO
SURFACE EROSION		☐ MA	OR 🗆 NO	NE	SURFACE EROSION		MAJOR	NONE
			IOR 🗹 ND*	×			MINOR	
	LAST PUMP IN	NFORMATIO	N .		CURRENT PUMP INFO	RMAT	ION	
PUMP ACTIVITY PERF	ORMED		TALLED		PUMP ACTIVITY PERFORMED		INSTAL	.LED
			PLACED	✓ ND*			REPLAC	
PUMP TESTED			MOVED		PUMP TESTED		REMOV	'ED
		L YES	NO NO	✓ ND*			YES	_L_ NO
NEW PUMP		☐ YES	L NO	✓ ND*	NEW PUMP		YES	□ NO
ACTIVITY PEFORMED	BY	ND*			ACTIVITY PEFORMED BY			
DATE ACTIVITY PERF	ORMED		·		DATE ACTIVITY PERFORMED			
PUMP TYPE		ND*			PUMP TYPE			
PUMP MAKE		IND*			PUMP MAKE			
PUMP MODEL		ND*			PUMP MODEL			
PUMP INTAKE DEPTH	(ft)				PUMP INTAKE DEPTH (ft)			-
TUBING SIZE (in)					TUBING SIZE (in)			
TUBING MATERIAL		ND*		· · · · · ·	TUBING MATERIAL			
TUBING LENGTH (ft)			<del> </del>		TUBING LENGTH (ft)		<del></del>	
ING CONNECTION		IND*		· · · · · · · · · · · · · · · · · · ·	TUBING CONNECTION			
					<del></del>			

FIELD ORDER	NO					LAST INSPECTION 1/1/1801					
WELL ID		246				NORTHING	127212.438				
WELL NAME		9-12-2A		ONST DATE		EASTING	589276.392				
HOST WELL ID			C	ONST DEPTH		ELEVATION					
	ME	ACHDEME	NT INFORMATION								
		T			_	1 D	<u></u>				
<del></del>			LAST	CURRENT	_'						
A DEPTH TO WA	TER(ft)				╶┟┸═╢╏┟						
DEPTH TO WA	TER DATE				<u> </u>						
B DEPTH TO BO	TTOM(ft)										
DEPTH TO BO	TTOM DATE	<u> </u>	·-		-						
C STICK UP(ft)		<del></del>			-	A	1				
D REFERENCE M	ARK/ft)	<del> </del>			_						
	<del></del>				_		В				
REFERENCE M.	ARK-15 TOC	☐ YES	□ NO ☑ ND*	YES NO							
	PEI	RFORATIC	N INFORMATION				ļ				
	<del></del>						E.				
CASING SIZE	TOP	воттом	CUTS/FT/ROUND			<b>▼</b> Depth to Water					
							1				
CHANGES											
						epth to Battom of Well					
	· · · · · · · · · · · · · · · · · · ·		<del></del>			Depth t	o Bottom of Casi				
					A DEPTH TO	WATER FROM TOP OF CAS	SING				
					,	BOTTOM OF WELL FROM					
		CASING I	NFORMATION			ASING TO GROUND SURFA ASING TO SURVEY REFERE	· ·				
SIZE TO	OP BOT	TOM	MATERIAL	TYPE	CONNECT	ON THICKNESS	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~				
SIZE 1	OP BUI	TOM	MATERIAL	1176	CONNECT	ON THICKNESS	_{i				
<u>'</u>			· <del></del> ··· · · · · · · · · · · · · · · · ·	_ <del> </del>			, i				
CHANGES											
						··· · · · · · · · · · · · · · · · · ·					
	<del>.,</del>										
		SCREEN I	NFORMATION								
SIZE TO	ор вот	том	MATERIAL	<b>T</b>	YPE	SLOT SIZE	:				
	- (	!					_				
	<u> </u>						<del>-</del>				
HANGES			·								
·											

ND* - Not Documented

WELL NAME	COORDINATES	CASING_ELEV		PERF/S	SCREEN		COMMENTS
WELL TYPE PUMP TYPE	L 83 PLANT NS/EW NS/EW	WELL DIAM DATE_COMPL	COMPL DEPTH DEPTH WATER	TYPE DIAM	TOP	вот	PREVIOUS WELL NAMES
699-12-1E	12070.00 -1450.00	439.40	108.0				DESTROYED
AB	-1450.00	4/71	61.0				B-4
699-12-1F	12070.00 -1275,00	438.90	150.0				DESTROYED
AB	-1275,00	4/71	62.0				B-5
699-12-1G	12070.00 -1100.00	439.20	99.0				DESTROYED
<b>AA</b> ,	-1100,00	3/71					B-6
699-12 <b>-</b> 1H	11880,00 -1 <b>4</b> 50.00	441.10	150.0				DESTROYED
<b>AA</b>	-1450.00	5/71	62.0				B-7
699-12 <b>-</b> 1J	11880.00 -1275.00		105.0				DESTROYED
EA	-1275.00	4/71	63.0				B-8
699-12-1K	18800.00		250.0				DESTROYED
AB	-1100.00	4/71	66.0				B-9
699-12-1L	12040,00		109.0				DESTROYED
AB	-1335.00	4/71	61.0				B-10
699-12-1P	12120.00		58.0				DESTROYED
AB	-1450.00	12/72					B-29
699-12-10	12120.00	438.70					DESTROYED
,	Hanford Wells PNL-8800 UC-903						в-30
	PNL-8800 UC-903 . Chamness & J. K. Mei	ŤZ.	61.0				DESTROYED
	August 1993						в-31
Prepared Contr	for U.S. Dept of Energy act DE-AC06-76RLO 183	under 30	61.0				DESTROYED
Pacific NW	Lab by Battelle Memorial	Institute					в-32
699-12-2A	12100.00	) 	61.0				
GW	-2100.00	0.0	61.0				699-12-2, B-SP-6

I of 1

anford Well 1:

nation System

Query HWIS again

## WIS Interface - Survey Information - Horizontal

VELL_ID		SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNITS	QUALIFII
\8246	699-12-2A	UNKNOWN	NAD83	01/01/1801	CONVERTED	127212.438	589276.392	m	

	SURVEY DATA REPORT											
Project No.	Title: Well Decommissioning A8	Well Decommissioning A8246 /699-12-24										
Job No. 65400811.1225400	Prepared By Tim Johnson	Date 5/30/2007		Reviewer	Her	Page 1 of 2						
	DESCRIPTION OF WORK		DISTR	IBUTION	SDR	PLOT	DWG					
Survey well location	n for A8246. If found, fill out WAF	R Report. If not found,	Survey	File	OR							
set hub and lath. Ta			B. How	ard	1							
	US State Plane 1983		C. Wrig	ght	1							
	Washington South 4602		G. Kelt	у	1							
Project Datum: Vertical Datum:	NAD 1983 (Conus) NAVD 1988		E. Rafu	se	1							
Geoid Model:	Geoid03											
Units:	Meters											

#### SURVEY RESULTS AND COMMENTS

Well ID# A8246 was not found at the listed coordinates: N127212.438 E589276.392

Set PK Nail in blacktop.

Equipment Used: Trimble 5800 GPS Receiver, RTK

Photo

NOTE: This Survey was performed under the supervision of a Licensed Professional Land Surveyor registered in the State of Washington.



WELL ID	A8263		N	IORTH	IING	127395.556	FIELD ORDER NO				
WELL NAME	699-13-2A		-	ASTIN		589367.304	LAST INSPECTION		/1/18	301	
HOST WELL ID			_	LEVAT		135.011	CONST DATE	•	, 1, 1		
GW OPERABLE UNIT	300-FF-5		-	RILL		1/1/1801	CONST DEPTH	_			
PROGRAMS	300113		- "	/IXILL	DAIL	1/1/1001	CONSI DEFIN	_			<del></del> -
WASTE SITES 50FT											
WM PLAN(S)											
WASTE STORAGE(S)											···
	SPECTION INF						RRENT INSPECTION I				
WELL PAD		-=-	ES	U NO		WELL PAD		_=	ES [	NO	
BRASS SURVEY MARKER			ES	□ NO		BRASS SURVEY			ES [	NO	
MARKER STAMPED WITH		_=	EŞ :	☐ NO			ED WITH SURVEY DATA		ES [	NO	
MARKER STAMPED WITH		=-	ES	∐ NO			ED WITH WELL ID DATA	_=_	ES [	NO	
WELL LABELED WITH W		_=	ES	NO		WELL LABELED V		_=	ES [	_ NO	
WELL LABELED WITH W	ELL NAME		'ES	NO			WITH WELL NAME		ES [	<u>  NO</u> _	
PROTECTIVE POSTS	ACC	_=	ES .	NO		PROTECTIVE PO	······		ES [	NO	
REMOVABLE POST IN PL	ACE		ES .	NO NO		REMOVABLE POS	ST IN PLACE		ES [	NO	
WELL LOCK WELL DAMAGED		_=-	ES	NO		WELL LOCK		_=	ES [	NO	
		-=-	ES	NO NO		WELL TO DRY			ES [	NO	
WELL IS DRY			ES	NO		WELL IS DRY			ES [	NO	
PARTED CASING			ES	NO NO		PARTED CASING		_=_	ES [	NO	
BENTONITE IN WELL	<del></del>		ES	NO		BENTONITE IN V		_=_	ES [	NO	
WELL SANDED IN			ES	NO		WELL SANDED IN		_=_	ES [	NO	
COLLAPSED CASING		=	ES	NO NO	_=	COLLAPSED CASI			ES [	NO	
EQUIPMENT IN WELL DEBRIS IN WELL	······································	_=	ES (	NO		EQUIPMENT IN V			ES [	NO	
<del></del>			ES	NO		DEBRIS IN WELL			ES [	NO	
SURFACE EROSION			IAJOI		<b>✓</b> ND	SURFACE EROSIG	UN		IAJOR		
			INO						IINOR		
LACT	PUMP INFORM		ONE				CURRENT PUMP INFO		ONE		
PUMP ACTIVITY PERFOR		-		LLED	<b>✓</b> ND	PUMP ACTIVITY	· · · · · · · · · · · · · · · · · · ·		VSTAL	LED	
TOM ACTIVITY TEREOR	1-120	][		CTED	V ND	FOI IF ACTIVITY	FERI ORITED	_	NSPEC		
			ONE	-				=	ONE	ILD	
			EMO					=	EMO\	/ED	
			EPLA					_	EPLA(		
			EPAI					=	EPAIR		
ACTIVITY PEFORMED BY		<u></u>				ACTIVITY PEFOR	MED BY	<u></u>	ri Air		
DATE ACTIVITY PERFOR						DATE ACTIVITY				I	
PUMP IN WELL		Y	ES [	NO	<b>✓</b> ND	PUMP IN WELL	TER OR IED		ES [	NO	
PUMP TESTED			ES [		✓ ND	PUMP TESTED			ES	NO	
NEW PUMP			ES [		✓ ND	NEW PUMP		_=_	ES [	NO	
PUMP TYPE						PUMP TYPE		_ <u></u> •			
PUMP MAKE						PUMP MAKE				·	
PUMP MODEL						PUMP MODEL					
PUMP INTAKE DEPTH (ft	)					PUMP INTAKE DE	PTH (ft)				
······································	TUBING INFOR	MATIC	DN				URRENT TUBING INFO	RMAT	ION		
TUBING SIZE (in)					-	TUBING SIZE (in)	)				
TUBING MATERIAL						TUBING MATERIA	AL				
TUBING LENGTH (ft)						TUBING LENGTH	(ft)			_	
TUBING CONNECTION						TUBING CONNEC	· · · · · · · · · · · · · · · · · · ·				
							<del></del>				
LAST MEA	SUREMENT INF	ORMA	TIO	N		CURR	RENT MEASUREMENT I	NFOR	MATI	ON	
LAST MEA DEPTH TO WATER(ft)	SUREMENT INF	ORMA	TIO	N		CURR DEPTH TO WATE	· · · · · · · · · · · · · · · · · · ·	NFOR	MATI	ON	
	SUREMENT INF	ORMA	ATIO	N		<del></del>	R(ft)	NFOR	MATI	/	
DEPTH TO WATER(ft)	SUREMENT INF	ORMA	TIO	N		DEPTH TO WATE	R(ft)	NFOR	MATI	/_	<u></u>
DEPTH TO WATER(ft) DEPTH TO WATER DATE		ORMA	TIO	N		DEPTH TO WATE	R(ft) R DATE OM(ft)	NFOR	MATI	/_ /_	
DEPTH TO WATER(ft) DEPTH TO WATER DATE DEPTH TO BOTTOM(ft)		ORMA	ATIO	N		DEPTH TO WATE DEPTH TO BOTTO	R(ft) R DATE OM(ft)	NFOR	MATI		_/
DEPTH TO WATER(ft) DEPTH TO WATER DATE DEPTH TO BOTTOM(ft) DEPTH TO BOTTOM DAT		FORMA	ATIO	N		DEPTH TO WATE DEPTH TO BOTTO DEPTH TO BOTTO	R(ft) R DATE OM(ft) OM DATE	NFOR	MATI	/_	_/

WELL ID	A8263	NORTHING	127395.556	FIELD OR	DER NO		
WELL NAME	699-13-2A	EASTING	589367.304	LAST INS		1/1/1801	
HOST WELL ID	007 10 11	ELEVATION	135.011	CONST DA			
GW OPERABLE U	JNIT 300-FF-5	DRILL DATE	1/1/1801	CONST DI	EPTH		
PROGRAMS				_		<del></del>	
WASTE SITES 50	OFT						
WM PLAN(S)							
WASTE STORAG	E(S)						
		WELL ATTO	BUTE COMME	NTC			
		With the last 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			<del></del>		
		CASING	INFORMATION	I			
						0 /1 INITEO	DEMOVED.
SIZE/UNITS	TOP/BOT/UNITS	MATERIAL	TYPE	CONNECTION	THICKNES	S/UNIIS	KEMOVED
				·			
CHANGES							
						<del></del>	
		SCREEN	INFORMATION				
		· · · · · · · · · · · · · · · · · · ·			CLOT CT	E/IINTE	DEMOVED
SIZE/UNITS	TOP/BOT/UNITS	MATERIAL		TYPE	SLOT SIZ	E/UNIIS	REMOVED
CHANGES							
			- ···				
		PERFORATION	ON INFORMAT	ION			
CASING SIZE	/UNITS TOP	BOT/UNITS		CUTS/FT/ROUND	)		REMOVED
	<u> </u>					<u>.</u>	
CHANGES							

ND* - Not Documented 8/7/2007 PAGE 2 of 2

#### Well ID A8263 Well Name 699-13-2A Inspection ID: 3413

Inspection Date: 01/01/1801

INSPECTION IN	NFORMATION	PUMP INFORMATION				
Well Pad	「Yes 「No F ND*	Pump Activity Performed				
Brass Survey Marker	☐ Yes ☐ No ☞ ND*	Activity Performed By	ND*			
Marker Stamped w/Survey Data	□ Yes □ No □ ND*	Date Activity Performed				
Marker Stamped w/Well ID Data	□ Yes □ No □ ND*	Pump Tested	┌ Yes ┌ No ┍ ND*			
Well Labeled w/Well ID	「Yes 「No F ND*	New Pump	☐ Yes ☐ No ☐ ND*			
Well Labeled w/Well Name	□ Yes □ No □ ND*	Pump Type	ND*			
Protective Posts	□ Yes □ No □ ND*	Pump Make	ND*			
Removable Posts in Place	□ Yes □ No □ ND*	Pump Model	ND*			
Well Lock	Г Yes Г No F ND*	Pump Intake Depth (ft)				
Well Damaged	「Yes 「No F ND*	TUBING INI	FORMATION			
Well is Dry	「Yes 「No ▼ ND*	Tubing Size (in)				
Parted Casing	「Yes 「No ▼ ND*	Tubing Material	ND*			
Bentonite in Well	「Yes 「No ▼ ND*	Tubing Length				
Well Sanded In	「Yes 「No ▼ ND*	Tubing Connection	ND*			
Collapsed Casing	「Yes 「No ▼ ND*					
Equipment in Well	☐ Yes ☐ No ☞ ND*					
Debris in Well	□ Yes □ No □ ND*					
Surface Erosion	「Yes 「No ▼ ND*					
MEASUREMENT	INFORMATION					
A Depth to Water (ft)			8			
Depth To Water Date						
B Depth to Bottom (ft)		▼ Depth to Weter	<u>↓</u>			
Depth to Bottom Date						
C Stick Up (ft)		Depth to Bottom of	Well pth to Bottom of Casing			
D Reference Mark (ft)			harto pottous or cassid			
Reference Mark in TOC	「Yes 「No F ND*	ND* - Not Documented				

**IELD ORDER NO** 

# SEE SURVEY REPORT & PHOTO - WELL DECOMMISSIONED

LAST INSPECTION 1/1/1801

₩ELL ID	A8263					NORTHING	1	27395.5	56		
WELL NAME	699-13-2A		_	C	ONS	T DAT	Έ	EASTING	589367.304		
HOST WELL ID			_	C	ONS	T DEP	TH	ELEVATION	1	35.011	
								CURRENT INCORPOTION IN	FORM	ATTON	
ļ	AST INSPECTION	N INFO	RMATIC	N N				CURRENT INSPECTION IN	FORM	AIION	
WELL PAD			YES		NO	<b>✓</b> N	ID*	WELL PAD		YES	□ NO
BRASS SURVEY MARK	ER		YES		NO	<b>✓</b> N	D*	BRASS SURVEY MARKER		YES	□ NO
MARKER STAMPED W			YES		NO	<b>☑</b> N	D*	MARKER STAMPED WITH SURVEY DATA		YES	□ NO
MARKER STAMPED W	ITH WELL ID DATA		YES		NO	<b>☑</b> N	D*	MARKER STAMPED WITH WELL ID DATA		YES	□ NO
WELL LABELED WITH	WELL ID		YES		NO	<b>✓</b> N	D*	WELL LABELED WITH WELL ID		YES	□ NO
WELL LABELED WITH	WELL NAME		YES		NO	<b>✓</b> N	D*	WELL LABELED WITH WELL NAME		YES	□ NO
PROTECTIVE POSTS			YES		NO	<b>☑</b> N	D*	PROTECTIVE POSTS		YES	□ NO
REMOVABLE POST IN	PLACE		YES		NO	<b>✓</b> N	D*	REMOVABLE POST IN PLACE		YES	□ NO
WELL LOCK			YES		NO	<b>☑</b> N	D*	WELL LOCK		YES	□ NO
WELL DAMAGED			YES		NO	<b>∠</b> N	D*	WELL DAMAGED		YES	□ NO
WELL IS DRY			YES		NO	<b>✓</b> N	D*	WELL IS DRY		YES	□ NO
PARTED CASING			YES		NO	<b>✓</b> N	D*	PARTED CASING		YES	□ NO
BENTONITE IN WELL			YES		NO	<b>☑</b> N	D*	BENTONITE IN WELL		YES	□ NO
WELL SANDED IN			YES		NO	<b>∠</b> N	D*	WELL SANDED IN		YES	□ мо
LLAPSED CASING			YES		NO	<b>≥</b> N	D*	COLLAPSED CASING		YES	□ NO
QUIPMENT IN WELL			YES		NO	<b>✓</b> N	D*	EQUIPMENT IN WELL		YES	□ NO
DEBRIS IN WELL			YES		NO	<b>☑</b> N	D*	DEBRIS IN WELL		YES	□ NO
SURFACE EROSION			MAJOR		NONE	E		SURFACE EROSION		MAJOR	NONE
			MINOR	V	ND*					MINOR	
	LAST PUMP IN	FORMA	TION					CURRENT PUMP INFO	RMATI	ON	
PUMP ACTIVITY PERF	ORMED		INSTAL	LED				PUMP ACTIVITY PERFORMED		INSTAL	LED
			REPLAC	ED		✓ N	D*			REPLAC	ŒD
			REMOV	ΈD						REMOV	ED .
PUMP TESTED			YES		NO	<b>☑</b> N	D*	PUMP TESTED		YES	□ NO
NEW PUMP			YES		NO	<b>☑</b> N	D*	NEW PUMP		YES	□ NO
ACTIVITY PEFORMED	ВҮ	ND*						ACTIVITY PEFORMED BY			
DATE ACTIVITY PERFO	DRMED			_				DATE ACTIVITY PERFORMED			
PUMP TYPE		ND*						PUMP TYPE			
PUMP MAKE		ND*			-			PUMP MAKE			
PUMP MODEL		ND*						PUMP MODEL			
PUMP INTAKE DEPTH	(ft)							PUMP INTAKE DEPTH (ft)		_	· · · · · · · · · · · · · · · · · · ·
TUBING SIZE (in)				-				TUBING SIZE (in)			
TUBING MATERIAL		ND*						TUBING MATERIAL			
BING LENGTH (ft)		<u> </u>						TUBING LENGTH (ft)		· <u></u>	
aING CONNECTION		ND*					<u> </u>	TUBING CONNECTION			
								<u> </u>			

IELD ORDER NO MELL ID WELL NAME HOST WELL ID	ZELL ID A8263 ZELL NAME 699-13-2A			ST DATE ST DEPTH			LAST INSPECTION NORTHING EASTING ELEVATION	1/1/1801 127395.556 589367.304 135.011
	MEAS	UREMENT INFORM	ATION		<del>                                   </del>		<b>A</b>	*
		LAST		CURRENT		╬,  .		
A DEPTH TO WATER	(ft)							•
DEPTH TO WATER	DATE				L			
B DEPTH TO BOTTO	M(ft)							
DEPTH TO BOTTO	M DATE				_			
C STICK UP(ft)					_		] '	Α,
D REFERENCE MARK	(ft)							
REFERENCE MARK	IS TOC	YES NO	✓ ND* □	YES NO				В
<del></del>	PERF	ORATION INFORM		<u> </u>				
CASING SIZE T	OP BO	OTTOM CUTS/FT/I	ROUND			<b></b>	epth to Water	
/	CA	SING INFORMATION	2N		B DE	PTH TO WA PTH TO BO' P OF CASIN	TER FROM TOP OF CA TOM OF WELL FROM G TO GROUND SURFA	to Bottom of Casing SING TOP OF CASING ICE/PAD
				· · · · · · · · · · · · · · · · · · ·			G TO SURVEY REFERI	ENCE MARKER
SIZE TOP	BOTTO	OM MATER	IAL	TYPE	CON	NECTION	THICKNESS	
CHANGES	SC	REEN INFORMATI	ON					
				<u>.</u>	·			<del></del>
SIZE TOP	вотто	M MATER	IAL	<b>T</b>	YPE		SLOT SIZE	-
CHANGES								
<del></del>	•							

WELL TYPE	COORD		CASING ELEV		PERF/S	SCREEN		COMMENTS	
	ELL TYPE UMP TYPE		PLANT NS/EW	WELL_DIAM DATE_COMPL	COMPL_DEPTH DEPTH_WATER	TYPE DIAM	TOP	BOT	PREVIOUS WELL NAMES
699-13-			12551.00	436.90	57.0				
	VW		2475.00	12/74					CB-14
699-13-	·E2D AB		13455.00 2468.00		300.0				DESTROYED
				12/74					
699-13-			13350.00 -400.00	412.90	65.0				
	SW		-400.00	12/74					1D-SP-6
699-13-	-1 sw		13100.00 -1400.00						B-SP-7
699-13-	-1 A		12830.00	441.50	245.0				WATER SUPPLY WELL
633-13-		Hanford	****	<b>,</b> .					WPPSS2 #1
		PNL-8800	UC-903		234.0				WATER SUPPLY WELL
		August	& J. K. Merz 1993		234.0				WPPSS2 #2
	Cont	ract DE-AC0	ept of Energy us 6-76RLO 1830	)					
Pa	acific NW	Lab by Batte	elle Memorial I	nstitute					
699-13			12700.00 -1800.00	439.50	70.0				
	GW		-1800.00		63.0				
699~13			12525.00		875.0				
	GW		-1845.00	12/72	41.0				B-35
699-13			12800.00		82.0				DESTROYED
	SW		-1500.00	12/74					1D-SP-5
699-13	-5 SW		13250.00 -4500.00		86.0 38.0				
	υn			12/74					1A-SP-11
699-13	_		13257.00 -13105.00	5.0	140.0				SEISMIC SHOT HOLE FILLED
	SW		-13105.00	5.0 6/63					SP. 8 GSI

Query HWIS again

## **HWIS Interface - Survey Information - Horizontal**

L_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING
A8263	699-13-2A	UNKNOWN	NAD83	01/01/1801	CONVERTED	127395.556	589367.304

SURVEY DATA REPORT							Request No. 073-267			
Project No.	Title: Well Decommissioning A8263	1 //// / 2 / 12/						File No. 6AT11R28		
Job No. 65400811.122540	Prepared By 0 Tim Johnson	<u>,</u>	Date 5/30/2007		Reviewer	He	Sel	Page 1 of 2		
DESCRIPTION OF WORK				DISTR	BUTON	SDR	PLOT	DWG		
Survey well location for A8263. If found, fill out WAR Report. If not found, set hub and lath. Take photo.  Coordinate System: US State Plane 1983  Zone: Washington South 4602  Project Datum: NAD 1983 (Conus)  Vertical Datum: NAVD 1988  Geoid Model: Geoid03  Units: Meters			ot found,	Survey File  B. Howard  C. Wright  G. Kelty  E. Rafuse		OR 1 1 1 1 1 1				
				MENITS						

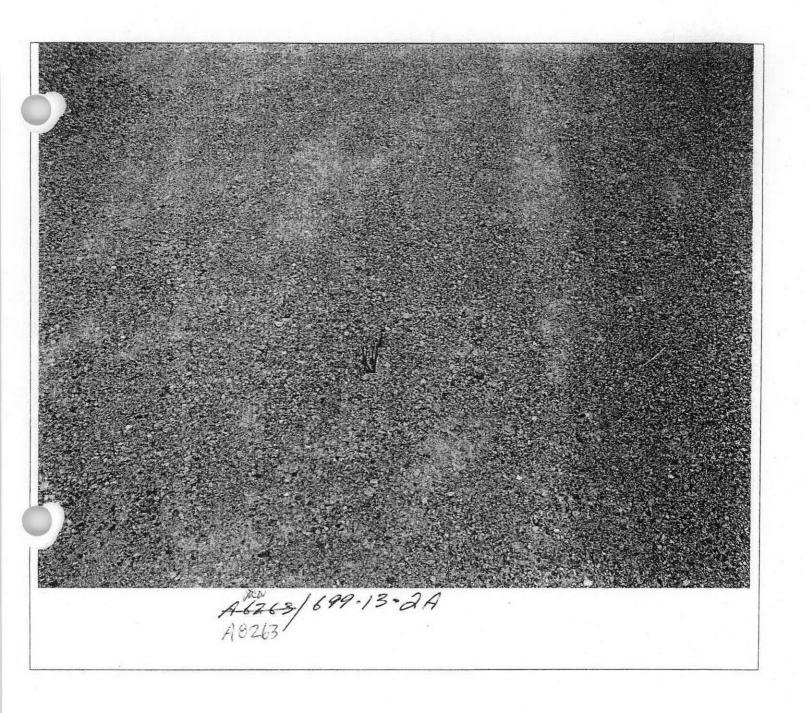
Well ID# A8263 was not found at the listed coordinates: N127395.56 E589367.30

Set Chaser in gravel.

Equipment Used: Trimble 5800 GPS Receiver, RTK

See Photo

ΓΕ: This Survey was performed under the supervision of a Licensed Professional Land Surveyor registered in the State of Washington.



## **HWIS Interface - Well History Information - Drilling**

المد_ID	WELL_NAME	DRILL_DATE	START	CARD_NUMBER	DRILL_DEPTH	DRILL_DEPTH	UNITS	COMMENTS	SOURCE DATE
A8263	699-13-2A	01/01/1801			.]				<u></u> _

Query HWIS again

#### **Available Documents:**

Well ID	Document Number	Document Type	Date	Description	Rev			
Well ID: A8263, Well Name: 699-13-2A								
A8263	- No information av	ailable						

WELL ID	A8264	NORTHING	127342.183	FIELD ORDER NO	
WELL NAME	699-13-2B	EASTING	589353.74	LAST INSPECTION	1/1/1801
HOST WELL ID	-	ELEVATION	135.011	CONST DATE	
GW OPERABLE UNIT	300-FF-5	DRILL DATE	12/31/1972	CONST DEPTH	
PROGRAMS		<del></del>			
WASTE SITES 50FT					
WM PLAN(S)					
WASTE STORAGE(S)					
LAST IN	SPECTION INFOR	MATION	CI	URRENT INSPECTION IN	IFORMATION
WELL PAD		YES 🗌 NO 🗹 ND	WELL PAD		YES NO
BRASS SURVEY MARKER	}	YES NO V ND	BRASS SURVEY	MARKER	YES NO
MARKER STAMPED WITH	H SURVEY DATA	YES 🗌 NO 🗹 ND	MARKER STAM	PED WITH SURVEY DATA	YES NO
MARKER STAMPED WITH	H WELL ID DATA	YES 🗌 NO 🗹 ND	MARKER STAM	PED WITH WELL ID DATA	☐ YES ☐ NO
WELL LABELED WITH W	ELL ID	YES 🗌 NO 🗹 ND	WELL LABELED	WITH WELL ID	YES NO
WELL LABELED WITH W	ELL NAME	YES 🗌 NO 🗹 ND		WITH WELL NAME	☐ YES ☐ NO
PROTECTIVE POSTS		YES 🗌 NO 🗹 ND	PROTECTIVE P	· · · · · · · · · · · · · · · · · · ·	☐ YES ☐ NO
REMOVABLE POST IN PL	ACE	YES NO V ND	REMOVABLE PO	OST IN PLACE	YES NO
WELL LOCK		YES NO V ND	WELL LOCK		YES NO
WELL DAMAGED		YES NO V ND	WELL DAMAGE	D	YES NO
WELL IS DRY		YES NO V ND	WELL IS DRY		YES NO
PARTED CASING		YES NO V ND	PARTED CASIN		YES NO
BENTONITE IN WELL		YES NO V ND	BENTONITE IN		YES NO
WELL SANDED IN		YES NO V ND	WELL SANDED		YES NO
COLLAPSED CASING	<u></u>	YES NO V ND	COLLAPSED CA		YES NO
EQUIPMENT IN WELL	<u></u>	YES NO V ND	EQUIPMENT IN		☐ YES ☐ NO
DEBRIS IN WELL		YES NO V ND	DEBRIS IN WE		YES NO
SURFACE EROSION		MAJOR ☑ ND	SURFACE EROS	SION	MINOR
	-	NONE			NONE
IAST	F PUMP INFORMAT			CURRENT PUMP INFO	<del></del>
PUMP ACTIVITY PERFOR		INSTALLED V ND	PUMP ACTIVIT		INSTALLED
		INSPECTED	7.0111717	, 1 Eld 3.0 1Eb	☐ INSPECTED
		NONE			NONE
	17	REMOVED			REMOVED
	-	REPLACED			REPLACED
		REPAIRED			REPAIRED
ACTIVITY PEFORMED BY	1		ACTIVITY PEFC	ORMED BY	
DATE ACTIVITY PERFOR	MED		DATE ACTIVITY	Y PERFORMED	
PUMP IN WELL		YES 🗌 NO 🗹 ND	PUMP IN WELL		YES NO
PUMP TESTED		YES 🗌 NO 🗹 ND	PUMP TESTED		YES NO
NEW PUMP		YES NO V ND	NEW PUMP		YES NO
PUMP TYPE			PUMP TYPE		
PUMP MAKE			PUMP MAKE		
PUMP MODEL			PUMP MODEL		<del>.</del>
PUMP INTAKE DEPTH (ft			PUMP INTAKE		
<u> </u>	TUBING INFORMAT	TION	<del>-</del>	CURRENT TUBING INFO	RMATION
TUBING SIZE (in)		···	TUBING SIZE (i	<del></del>	
TUBING MATERIAL			TUBING MATER		
TUBING LENGTH (ft) TUBING CONNECTION			TUBING LENGT		
	SUREMENT INFOR	MATTON	+	RRENT MEASUREMENT I	NEODMATION
DEPTH TO WATER(ft)	SOREMEIT INFOR	PIATION	DEPTH TO WAT		IN ORTALION
DEPTH TO WATER DATE		<u></u>	DEPTH TO WAT		1 1
DEPTH TO BOTTOM(ft)			DEPTH TO BOT		
DEPTH TO BOTTOM DATE			DEPTH TO BOT		1 1
STICK UP(ft)			STICK UP(ft)		
REFERENCE MARK(ft)			REFERENCE MA	ARK(ft)	
REFERENCE MARK IS TO	c tn	YES NO WIND			VES NO

ND* - Not Documented 8/7/2007 PAGE 1 of 2

WELL ID	A82	264	NORTHING	127342.183	FIELD OR	DER NO	
WELL NAME		9-13-2B	EASTING	589353.74	LAST INSI		01
HOST WELL ID			ELEVATION	135.011	CONST DA		
GW OPERABLE		)-FF-5	DRILL DATE	12/31/1972	CONST DE	PTH	
PROGRAMS					<del></del>		
WASTE SITES	50FT						
WM PLAN(S)							
WASTE STORA	GE(S)						
	<del> </del>		WELL ATTR	IBUTE COMME	NTS		
		-	CASING	INFORMATION	¥		
SIZE/UNITS	TOP/BOT/	UNITS	MATERIAL	TYPE	CONNECTION	THICKNESS/UNIT	S REMOVED
CHANGES							
	<del></del>						
			SCREEN	INFORMATIO	N		
						SLOT STZE /HINTT	C DEMOVED
SIZE/UNITS	TOP/BOT	/UNITS	MATERIAL		TYPE	SLOT SIZE/UNIT	S KEMUVED
	·						
CHANCEC							
CHANGES							
							<u></u> .
							<u></u> .
*********			PERFORATI	ON INFORMAT	rion .		
CASING SI	ZE/UNITS	TOP/	BOT/UNITS		CUTS/FT/ROUND	)	REMOVED
CASING SI		, ,		.,			
				<del></del>			
CHANGES							
CHRITOLO							
			*****				

ND* - Not Documented 8/7/2007 PAGE 2 of 2

## Well ID A8264 Well Name 699-13-2B Inspection ID: 3414

Inspection Date: 01/01/1801

INSPECTION IN		PUMP INFORMATION				
Well Pad	□ Yes □ No □ ND*	Pump Activity Performed				
Brass Survey Marker	☐ Yes ☐ No ☐ ND*	Activity Performed By	ND*			
Marker Stamped w/Survey Data	┌ Yes ┌ No ┍ ND*	Date Activity Performed				
Marker Stamped w/Well ID Data	「Yes 「No F ND*	_	□ Yes □ No □ ND*			
Well Labeled w/Well ID	☐ Yes ☐ No ☐ ND*	New Pump	☐ Yes ☐ No ☑ ND*			
Well Labeled w/Well Name	「Yes 「No F ND*	Pump Type	ND*			
Protective Posts	「Yes 「No ▼ ND*	Pump Make	ND*			
Removable Posts in Place	□ Yes □ No □ ND*	Pump Model	ND*			
Well Lock	☐ Yes ☐ No ☞ ND*	Pump Intake Depth (ft)				
Well Damaged	☐ Yes ☐ No ☐ ND*	TUBING IN	FORMATION			
Well is Dry	☐ Yes ☐ No ☐ ND*	Tubing Size (in)				
Parted Casing	☐ Yes ☐ No ☑ ND*	Tubing Material	ND*			
Bentonite in Well	☐ Yes ☐ No ☐ ND*	Tubing Length				
Well Sanded In	☐ Yes ☐ No ☐ ND*	Tubing Connection	ND*			
Collapsed Casing	☐ Yes ☐ No ☐ ND*					
Equipment in Well	☐ Yes ☐ No ☐ ND*					
Debris in Well	「Yes 「No F ND*					
Surface Erosion	「Yes 「No ▼ ND*		_			
MEASUREMENT	INFORMATION					
A Depth to Water (ft)			8			
Depth To Water Date						
B Depth to Bottom (ft)		▼ Depth to Weter				
Depth to Bottom Date	•					
C Stick Up (ft)		Depth to Bottom of				
D Reference Mark (ft)		De	pth to Bottorn of Casing			
Reference Mark in TOC	「Yes 「No ☞ ND*	ND* - Not Documented				

EN ENTE

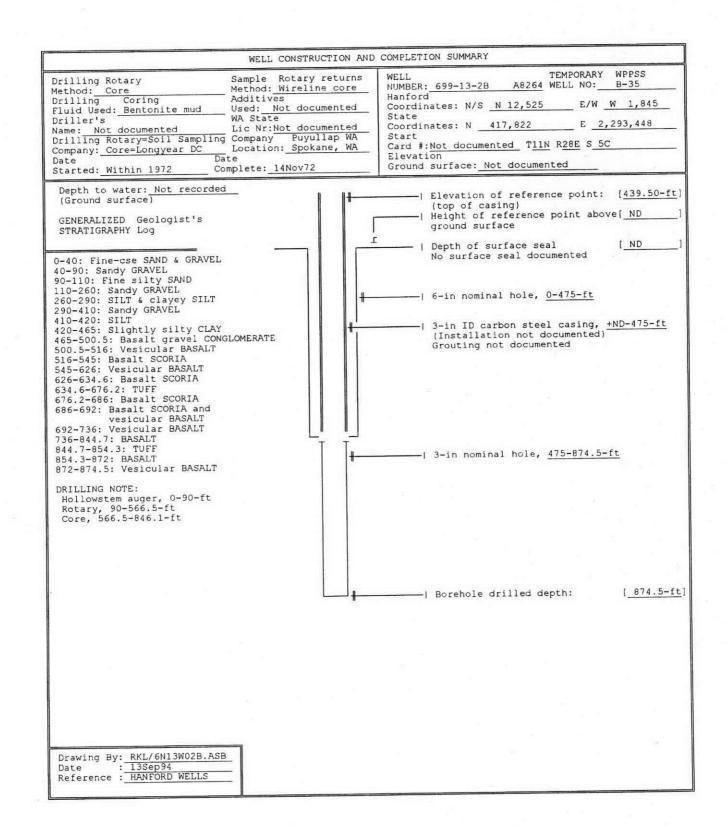
# ELE SURVEY REPORT & PHOTO - WELL PECOMMISSIONED ECK OXISTOT

FIELD ORDER NO WELL ID WELL NAME HOST WELL ID	A8264 699-13-2B	CONST DATE CONST DEPTH		LAST INSPECTION NORTHING EASTING ELEVATION	1/1/1801 127342.183 589353.74 135.011
L WELL PAD	AST INSPECTION INFO	DRMATION	CURRI	ENT INSPECTION INFO	RMATION

LAST INSPECTIO	N INFO	RMAT	ON		<del></del>	CURRENT INSPECTION INFORMATION				
WELL PAD		YES		NO		WELL PAD			□ NO	
BRASS SURVEY MARKER		YES		NO	✓ ND*	BRASS SURVEY MARKER		YES YES		
MARKER STAMPED WITH SURVEY DATA		YES		NO	₩ ND*	MARKER STAMPED WITH SURVEY DATA			U NO	
MARKER STAMPED WITH WELL ID DATA	<b>1</b>	YES		-	✓ ND*	MARKER STAMPED WITH WELL ID DATA		YES	U NO	
WELL LABELED WITH WELL ID		YES		NO	— ND*	WELL LABELED WITH WELL ID		YES	□ NO	
WELL LABELED WITH WELL NAME				NO	✓ ND*	WELL LABELED WITH WELL NAME		YES		
PROTECTIVE POSTS		YES		NO.	✓ ND*	PROTECTIVE POSTS		YES	NO NO	
REMOVABLE POST IN PLACE		YES		NO	✓ ND*	REMOVABLE POST IN PLACE		YES	NO NO	
WELL LOCK		YES		NO	✓ ND*	WELL LOCK		YES	□ NO	
WELL DAMAGED		YES		NO	₩ ND*	WELL DAMAGED		YES	□ NO	
WELL IS DRY		YES		NO	✓ ND*	WELL IS DRY		YES	□ NO	
PARTED CASING	$+\bar{-}$	YES		NO	✓ ND*	PARTED CASING		YES		
BENTONITE IN WELL	十言	YES		NO	✓ ND*	BENTONITE IN WELL		YES		
WELL SANDED IN		YEŞ		NO	✓ ND*	WELL SANDED IN		YES	□ NO	
LLAPSED CASING		YEŞ		NO	✓ ND*	COLLAPSED CASING		YES	□ NO	
QUIPMENT IN WELL		YES		NO	✓ ND*	EQUIPMENT IN WELL		YES	□ NO	
DEBRIS IN WELL		YES		NO	✓ ND*	DEBRIS IN WELL	<del></del>	YES		
SURFACE EROSION		MAJOR	. □	NON		SURFACE EROSION		MAJOR		
		MINOR			_			MINOR	= NONE	
LAST PUMP IN	FORM/	NOIT				CURRENT PUMP INFORMATION				
PUMP ACTIVITY PERFORMED		INSTA	LLED			PUMP ACTIVITY PERFORMED		INSTAL	LED	
		REPLA	CED		✓ ND*			REPLAC	CED	
		REMO	VED					REMOV	'ED	
PUMP TESTED		YES		NO	✓ ND*	PUMP TESTED		YES	□ NO	
NEW PUMP		YES		NO	✓ ND*	NEW PUMP		YES	□ NO	
ACTIVITY PEFORMED BY	ND*					ACTIVITY PEFORMED BY				
DATE ACTIVITY PERFORMED						DATE ACTIVITY PERFORMED				
PUMP TYPE	ND*					PUMP TYPE			<u></u>	
PUMP MAKE	ND*					PUMP MAKE				
PUMP MODEL	ND*			_		PUMP MODEL		· · ··-·		
PUMP INTAKE DEPTH (ft)						PUMP INTAKE DEPTH (ft)			- · <u>- · · · · · · · · · · · · · · · · ·</u>	
TUBING SIZE (in)						TUBING SIZE (in)				
UBING MATERIAL	ND*					TUBING MATERIAL				
" 'BING LENGTH (ft)						TUBING LENGTH (ft)		···-		
JING CONNECTION	ND*	<del>.</del> .				TUBING CONNECTION				

TELD ORDER NO WELL ID	A8264				LAST INSPECTION NORTHING	1/1/1801 127342.183
WELL NAME HOST WELL ID	699-13-2	<del></del>	CONST DATE	<del></del>	EASTING ELEVATION	589353.74 135.011
NOSI WELL ID			ONSI DEFIN		ELEVATION	133.011
	MEASURI	EMENT INFORMATION			<u> </u>	
		LAST	CURRENT		c	
DEPTH TO WATER	(ft)				,	
DEPTH TO WATER	DATE			<b> </b>	1	
DEPTH TO BOTTOM	1(ft)					
DEPTH TO BOTTOM	1 DATE	•				
STICK UP(ft)		s		<del>-</del>	^	
REFERENCE MARK	(ft)			-		
REFERENCE MARK	IS TOC	YES □ NO ☑ ND*	☐ YES ☐ NO			B
	PERFOR	ATION INFORMATION				
CASING SIZE TO	OP BOTT	OM CUTS/FT/ROUND		-	epth to Water	
	CASI	NG INFORMATION		A DEPTH TO WA	th to Bottom of Well  TER FROM TOP OF CAS TOM OF WELL FROM 1 NG TO GROUND SURFACE NG TO SURVEY REFERE	D Bottom of Casing TOP OF CASING CE/PAD
SIZE TOP	воттом	MATERIAL	TYPE	CONNECTION	THICKNESS	7
HANGES						
	SCRE	EN INFORMATION				
SIZE TOP	воттом	MATERIAL	Т	YPE	SLOT SIZE	
HANGES						

WELL NAME	COORDI		CASING ELEV	DRILL DEPTH	•	SCREEN		COMMENTS	INGM 200
WELL TYPE PUMP TYPE	L 83 NS/EW	PLANT NS/EW	WELL_DTAM DATE_COMPL	COMPL DEPTH DEPTH WATER	TYPE DIAM	TOP	вот	PREVIOUS WELL NAMES	
699-13-E2C VW		12551.00 2475.00	436.90	57.0					
			12/74					CB-14	
699-13-E2D AB	•	13455.00 2468.00		300.0				DESTROYED	
			12/74						
699-13-0 sw		13350.00 -400.00	412.90	65.0					
			12/74					1D-SP-6	
699-13-1 sw		13100.00 -1400.00							
								B-SP-7	•
699-13-1A GW		12830.00 -1320.00	441.50	245.0				WATER SUPPLY WELL	
		2227						WPPSS2 #1	
699-13 <b>-</b> 1B		12525.00	439.00	234.0				WATER SUPPLY WELL	
M. <i>A</i>	Hanford PNL-8800 A. Chamness Augus	UC-903 & J. K. Mer	z					WPPSS2 #2	
	i for U.S.D	ept of Energy t 06-76RLO 183		70.0					
		telle Memorial		63.0					
699-13-2B GW		12525.00 -1845.00	439.50	875.0					
Gii		1040.00	12/72	41.0				B-35	
699-13-2C SW		12800.00 -1500.00	440.90	82.0				DESTROYED	
			12/74					1D-SP-5	
699-13-5 SW		13250.00 -4500.00	<b>444.5</b> 0 6.0	86.0 38.0					
			12/74					1A-SP-11	
699-13-13A		13257.00	539.00	140.0				SEISMIC SHOT HOLE FI	LLED
SW		-13105.00	5.0 6/63					SP. 8 GSI	



SMMARY OF CONSTRUCTION DATA AND FIELD OBSERVATIONS RESOURCE PROTECTION WELL - 699-13-2B

699-13-2B WELL DESIGNATION CERCLA UNIT

RCRA FACILITY

Not applicable
Not applicable
N 12,525 W 1,845 [HANFORD N 417,822 E 2,293,448 [HANCONV] [HANFORD WELLS]

RCRA FACILITY
HANFORD COORDINATES:
LAMBERT COORDINATES:
DATE DRILLED:
DEPTH DRILLED (GS):
MEASURED DEPTH (GS):
DEPTH TO WATER (GS):
CASING DIAMETER:
ELEV TOP CASING
ELEV GROUND SURFACE:
PERFORATED INTERVAL: Core-Nov72 874.5-ft Not documented

Not documented 3-in ID carbon steel, +ND-475-ft? (Not documented) 439.50-ft [HANFORD WELLS] Not documented

Not applicable Not applicable FIELD INSPECTION, SCREENED INTERVAL COMMENTS OTHER:

AVAILABLE LOGS :
TV SCAN COMMENTS :
DATE EVALUATED :
EVAL RECOMMENDATION :
LISTED USE : Geologist Not applicable Not applicable Not applicable

Nuclear power plant siting Assigned WPPSS

CURRENT USER

PUMP TYPE None

MAINTENANCE

# **HWIS Interface - Well History Information - Drilling**

W_LL_ID	WELL_NAME	DRILL_DATE	START_CA	RD_NUMBER	DRILL_D	EPTH DRILL	DEPTH	UNITS	COMMENTS	SOURCE DAT	<u>TE_(</u>
A8264	699-13-2B	12/31/1972			875	ft					

### **Available Documents:**

Well ID	Document Number	Document Type	Date	Description	Rev			
Well ID: A8264, Well Name: 699-13-2B								
A8264	- No information av	ailable –						

Query HWIS again

# **HWIS Interface - Survey Information - Horizontal**

1	W.LL ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING EASTING
	A8264	699-13-2B	UNKNOWN	NAD83	01/01/1801	CONVERTED	127342.183 589353.74

		SURVEY DATA	REPORT			I	quest No. 3-267		
oject No.  Title:  Well Decommissioning A8264   1699-13-28						File No. 6AT11R28			
Job No. 65400811.1225400	Prepared By			Date Reviewer 5/30/2007		Hor	Page 1 of 2		
DESCRIPTION OF WORK					DISTRIBUTION		PLOT	DWG	
Survey well location	on for A8264 I	found, fill out WAR R	eport. If not found,	Survey	Survey File				
set hub and lath. T		100, 1 00	,	B. Hov	B. Howard				
Coordinate System		1983		C. Wri	C. Wright				
Zone:	Washington So			G. Kel	G. Kelty				
Project Datum: NAD 1983 (Conus) Vertical Datum: NAVD 1988				E. Rafi	E. Rafuse			,	
Geoid Model:						-		-	
Units:	Meters		18.11		<u>.</u>	L	<u> </u>		

#### SURVEY RESULTS AND COMMENTS

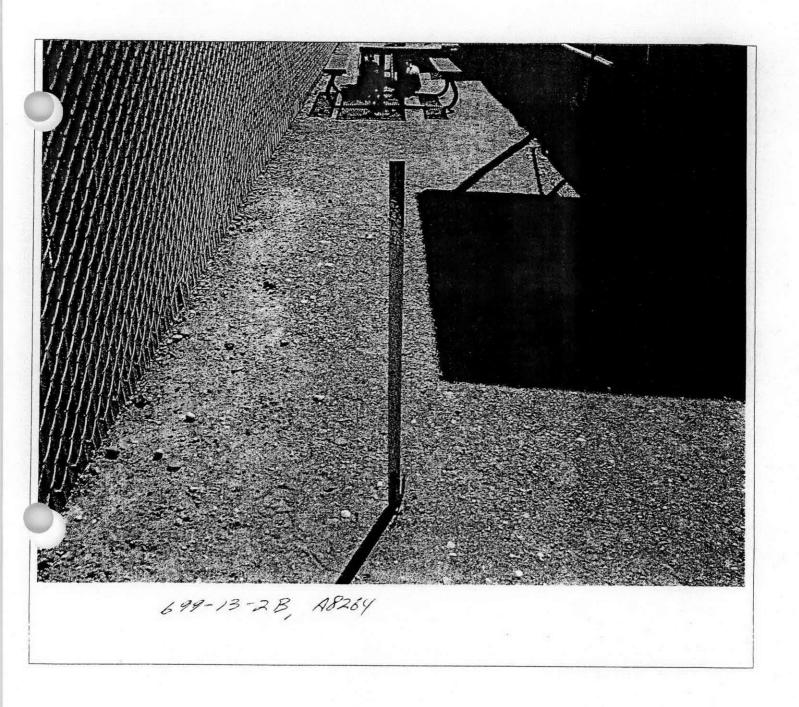
Well ID# A8264 was not found at the listed coordinates: N127342.18 E589353.74

Set hub and lath.

Equipment Used: Trimble 5800 GPS Receiver, RTK

e Photo

JTE: This Survey was performed under the supervision of a Licensed Professional Land Surveyor registered in the State of Washington.



#### A8264 699-13-2B

699-13-28 (8-35)
Lecation: N12525, W1845 11/28-5C3
Casing Elevation: 439.5
Rotary (to 475 ft.) & diamond coring, drilled
by Soil Sampling Service & Longyear Company &
logged by Snannon & Wilson for WPPSS, 1972,
WNP-2 bedrock geologic investigation borehole

Material (8)	Thickness	Depth	
Dark gray, silty, fine to coarse			
sand & gravel	. 40	40	
Light grayish brown, slightly			•
silty, fine to coarse sandy			•
gravel	. 50	90	
Brown, micaceous silty, fine			
sand	. 20	110	. • • <del>। ।</del>
Brown, very silty, fine to coars			, ac
sandy gravel	. 10	120	
Brown, slightly silty, fine to			<b>်</b> ဝ ဗွ်
coarse sand & fine gravel	. 70	190	<b>325</b> X
Light brown, silty, fine to coar	se		
sandy gravel	. 10	200	
Light brown, fine to coarse		•	
sand & fine gravel, trace of			
silt	. 20	220	HANFORD PNI_8800 Chamness August for U.S. Deposed DE-AC00 ab by Batte
Gray, fine to coarse sandy			E 84 7 8 0
gravel	. 40	260	\$2,45,5 £ £
Light gray to gray, silt &	20		WELLS UC-903 & J.K. N 1993 of of Ener 6-76RLO lle Memo
clayey silt	. 30	290	
Gray to green-gray, fine to	100	410	· BOH Kan
coarse sandy gravel		410	WELLS UC-903 & J.K. Merz 1993 of of Energy 1 6-76RLO 18: lle Memorial
Dark brown, silt	. 10	420	1 3 E
Dark brown to gray slightly silty		466	HANFORD WELLS  PNI_8800 UC-903  M.A. Chamness & J.K. Merz  August 1993  Prepared for U.S. Dept of Energy under  Contract DE-AC06-76RLO 1830  Pacific NW Lab by Battelle Memorial Institute
Clay	. 45	465	팔 그
Basalt conglomerate, soft, dark			় <b>র্ব</b>
gray to black; rounded,		•	<b>:</b>
predominantly basaltic gravel & cobbles to 4 in. sand matrix			i
weightly cemented	. 36	601	
Vesicular basalt, medium hard to	. 30	501	•
	. 17	518	•
hard, dark gray	• 17	310	
gray to black, contains oxidize	ad		
zones	. 27	545	
Vesicular basalt, very hard, dark		J <b>-</b> J	
gray, highly jointed		626	
Basalt scoria highly broken	. 01	020	
(possible flow breccia)	۵	635	
Tuff, soft, greenish gray to	. 9	033	
gray	. 41	676	
Basait scoria mixed or filled	. 41	0/0	
with tuff from above	. 10	686	
Basait scoria or vesicular	. 10	000	
	. 6	602	بمور <u>المعرب المعرب المعرب</u>
basalt		692 736	* Vesicular basalt, very
ragray to black & jointed Basalt, very hard, gray to black,		736	hard, dark
massive & jointed	. 109	845	time a la manage
लायकार्य वा प्रियास्ट्रिस ० ० ० ० ०	. 103	043	

Material	Thickness	Depth
Tuff, medium soft, dark gray to green	. 9	854
from above		872
Vestcular basalt, very hard, dark gray to black	. 3	875

699-13-2C (1D-SP-5)
Location: N12800, W1500 11/28-5C4
Surface Elevation: 440.9
A'r rotary, logged by Fugro for WPPSS, 1974,
shothole boring

Material (8)	Thickness	Depth
Sand & gravel; brown to dark gray, medium to coarse sand, gravel	20	20
Sand; brown to dark gray, medium to coarse sand, occasional gravel	. 30	50
Sanc & gravel; medium to fine san fine to coarse gravel	d	82

699-13-5 (1A-SP-11)
Location: N13250, W4500 12/28-31R1
Surface Elevation: 444.50
Air rotary, logged by Fugro for WPPSS, 1974,
shothole boring

Material (8)	Thickness	Depth
Sand, brown	. 4	4
coarse sand, gravel	. 11	15
& basalt grains		50
sand, gravel (Driller's comment cemented gravel)	. 36	86

M.A. Chamness & J.K. Merz
August 1993
Prepared for U.S. Dept of Energy under
Contract DE-AC06-76RLO 1830
Pacific NW Lab by Battelle Memorial Institute

FIELD ORDER NO WELL ID WELL NAME HOST WELL ID	A8274 699-13-E2C				CONST		_	LAST INSPECTION  NORTHING  EASTING  ELEVATION		1/1/1801 127346.6 590670.7 134.216	82	
[.A	ST INSPECTION	INFO	RMATI	ON				CURRENT INSPECTION IN	<b>IFOR</b>	MOTTAN		
WELL PAD			YES		NO	<b>V</b>	ND*	WELL PAD		YES		NO
BRASS SURVEY MARKE	R		YES		NO	<b>V</b> 1	ND*	BRASS SURVEY MARKER		YES		NO
MARKER STAMPED WIT	TH SURVEY DATA		YES		NO	<b>✓</b> 1		MARKER STAMPED WITH SURVEY DATA		YES		NO
MARKER STAMPED WIT	TH WELL ID DATA		YES		· <del>-</del>	<u> </u>		MARKER STAMPED WITH WELL ID DATA		YES		NO
WELL LABELED WITH V	VELL ID		YES			<u> </u>		WELL LABELED WITH WELL ID		YES		NO
WELL LABELED WITH V	VELL NAME		YES			<u> </u>		WELL LABELED WITH WELL NAME		YES		NO NO
PROTECTIVE POSTS			YES		-	<b>☑</b> 1		PROTECTIVE POSTS		YES		NO
REMOVABLE POST IN P	PLACE		YES			<b>V</b> 1		REMOVABLE POST IN PLACE		YES		NO
WELL LOCK			YES		NO	<b>V</b> 1	ND*	WELL LOCK		YES		NO
WELL DAMAGED			YES		NO	<b>V</b> i	ND*	WELL DAMAGED		YES		NO
WELL IS DRY			YES		NO	<b>V</b> 1	ND*	WELL IS DRY		YES		NO
PARTED CASING			YES		NO	<b>V</b>	ND*	PARTED CASING		YES		NO
BENTONITE IN WELL			YES		NO	<b>V</b> :	ND*	BENTONITE IN WELL		YES		NO
WELL SANDED IN			YES		NO	<b>✓</b> 1	ND*	WELL SANDED IN		YES		NO
COLLAPSED CASING			YES		NO	<b>V</b> 1	ND*	COLLAPSED CASING		YES		NO
EQUIPMENT IN WELL			YEŞ		NO	<b>V</b> 1	ND*	EQUIPMENT IN WELL		YES		NO
DEBRIS IN WELL			YES		NO	<b>V</b> 1	ND*	DEBRIS IN WELL		YES		NO
SURFACE EROSION			OLAM	R 🗆	NONE			SURFACE EROSION		MAJOR		NONE
			MINO	R ☑	ND*					MINOR		
	LAST PUMP IN	FORMA	ATION					CURRENT PUMP INFO	RMAT	ION		
PUMP ACTIVITY PERFO	RMED		INST	ALLED	,	_		PUMP ACTIVITY PERFORMED		INSTA	.LED	
			REPLA	ACED	t	<b>V</b>	ND*			REPLAC	CED	
			REMC	VED						REMO	/ED	
PUMP TESTED			YES		NO	<b>V</b> 1	ND*	PUMP TESTED		YES		NO
NEW PUMP	<u> </u>		YES		NO	<b>✓</b> I	ND*	NEW PUMP		YES		NO
ACTIVITY PEFORMED B	Y	ND*						ACTIVITY PEFORMED BY				
DATE ACTIVITY PERFO	RMED							DATE ACTIVITY PERFORMED				
PUMP TYPE		ND*						PUMP TYPE				
PUMP MAKE		ND*						PUMP MAKE				
PUMP MODEL		ND*						PUMP MODEL				
PUMP INTAKE DEPTH (I	t)							PUMP INTAKE DEPTH (ft)		<u> </u>		
TUBING SIZE (in)			<del>.</del>					TUBING SIZE (in)				
TUBING MATERIAL		ND*						TUBING MATERIAL	·			
TUBING LENGTH (ft)								TUBING LENGTH (ft)	-			
UBING CONNECTION		ND*					_	TUBING CONNECTION	<del></del>			

FIELD ORDER NO				LAST INSPECTION 1/1/1801
WELL ID	A8274			<b>NORTHING</b> 127346.682
WELL NAME	699-13-E	2C (	CONST DATE	<b>EASTING</b> 590670.753
HOST WELL ID			CONST DEPTH	<b>ELEVATION</b> 134.216
	MEASURE	MENT INFORMATION		
		LAST	CURRENT	
A DEPTH TO WATER	(ft)			
DEPTH TO WATER	DATE			
:   <b>B</b>   DEPTH TO BOTTON	M(ft)			
DEPTH TO BOTTOM	M DATE			¬
C STICK UP(ft)			i	_            A
D REFERENCE MARK	(ft)			
REFERENCE MARK	IS TOC	YES □ NO ☑ ND*	YES NO	B
<u></u>				
	PERFORA	ATION INFORMATION		
CASING SIZE T	OP BOTT	OM CUTS/FT/ROUND		▼ Depth to Water
				<del>                                      </del>
CHANGES				
				Depth to Bottom of Well
		<u></u>		Depth to Bottom of Casin
				A DEPTH TO WATER FROM TOP OF CASING B DEPTH TO BOTTOM OF WELL FROM TOP OF CASING
				C TOP OF CASING TO GROUND SURFACE/PAD
	CASIN	IG INFORMATION		D TOP OF CASING TO SURVEY REFERENCE MARKER
SIZE TOP	воттом	MATERIAL	ТҮРЕ	CONNECTION THICKNESS
<u> </u>		· · · · · · · · · · · · · · · · · · · ·	<u> </u>	<u></u>
CHANGES				
	* ***		. <u> </u>	
	SCRE	EN INFORMATION		
! :			_	
SIZE TOP	воттом	MATERIAL	!	TYPE SLOT SIZE
·		L		
CHANGES				

NOLTH WEST ENHAY

# SEE SURVEY REPORT & photo; WELL DECOMMESSIONED EUR OS/15/07

FIELD ORDER NO						LAST INSPECTI	ON	1/1/1801	Ĺ	
WELL ID	A8274					NORTHING		127346.6	582	_
WELL NAME	699-13-E2C			CON	IST DATE	EASTING	Ī	590670.7	753	
HOST WELL ID				CON	IST DEPTH	ELEVATION	Ī	134.216		
	AST INSPECTIO	N INFO	RMATI	ON		CURRENT INSPECTION I	NFORM	<b>TATION</b>	<del></del>	
WELL PAD			YES	<u> </u>	₩ ND*	WELL PAD		YES		Ю
BRASS SURVEY MARK	ER .		YES		MD*	BRASS SURVEY MARKER		YES	□ N	IO
MARKER STAMPED W	ITH SURVEY DATA		YES	□ NO	☑ ND*	MARKER STAMPED WITH SURVEY DATA		YES	□ N	 10
MARKER STAMPED W	ITH WELL ID DATA	<b>A</b>	YES	□ NO	✓ ND*	MARKER STAMPED WITH WELL ID DATA		YES	□ N	Ю
WELL LABELED WITH	WELL ID		YES	□ NO	₩ ND*	WELL LABELED WITH WELL ID		YES	□ N	— IC
WELL LABELED WITH	WELL NAME		YES	□ NO	₩ ND*	WELL LABELED WITH WELL NAME		YES	N	<u> —</u>
PROTECTIVE POSTS			YES	□ NO	₩ ND*	PROTECTIVE POSTS		YES	□ N	
REMOVABLE POST IN	PLACE		YES	□ NO	₩ ND*	REMOVABLE POST IN PLACE		YES	□ N	 0
METT FOCK			YES	□ NO	MD*	WELL LOCK		YES	□ N	0
WELL DAMAGED			YES	□ NO	₩ ND*	WEIL DAMAGED		YES		 O
WELL IS DRY			YES	□ NO	☑ ND*	WELL IS DRY		YES	□ NO	 0
PARTED CASING			YES	□ NO	₩ ND*	PARTED CASING		YES		 0
BENTONITE IN WELL			YES	□ NO	✓ ND+	BENTONITE IN WELL		YES	☐ N(	~— O
WELL SANDED IN			YES	□ NO	☑ ND*	WELL SANDED IN		YES	□ NO	<u> </u>
COLLAPSED CASING			YES	□ NO	✓ ND*	COLLAPSED CASING		YES	□ NO	 o
QUIPMENT IN WELL			YES	□ NO	☑ ND*	EQUIPMENT IN WELL		YES	□ NO	0
DEBRIS IN WELL			YES		₩ ND*	DEBRIS IN WELL		YES	□ NO	0
SURFACE EROSION	•		MAJOR	MON 🔲	Ε	SURFACE EROSION		MAJOR		NE
			MINOR	MD*				MINOR		
	LAST PUMP IN	IFORM.	ATTON			CURRENT PUMP INFO	RMAT	ION		
PUMP ACTIVITY PERFO	ORMED		INSTA	LLED		PUMP ACTIVITY PERFORMED		INSTAL	LED	
			REPLA	ŒD	☑ ND*			REPLAC	ŒD	
			REMO	VED	•			REMOV	ÆD.	
PUMP TESTED			YES	□ NO	☑ ND*	PUMP TESTED		YES		
NEW PUMP			YES	□ NO	☑ ND*	NEW PUMP		YES	□ No	
ACTIVITY PEFORMED 8	3Y	ND*			· · · · · · · · · · · · · · · · · · ·	ACTIVITY PEFORMED BY				<u> </u>
DATE ACTIVITY PERFO	RMED				· · · · · · · · · · · · · · · · · · ·	DATE ACTIVITY PERFORMED				
PUMP TYPE		IND*				PUMP TYPE				-
PUMP MAKE		ND*				PUMP MAKE				
PUMP MODEL	<u> </u>	ND*		· · · · · · · · · · · · · · · · · · ·		PUMP MODEL				
PUMP INTAKE DEPTH (	ft)				···• - <u></u>	PUMP INTAKE DEPTH (ft)		· <del>*·················</del>		
TUBING SIZE (in)		!		· <del> · · · · · · · · · · · · · · · · · </del>		TUBING SIZE (in)			<del></del>	
TUBING MATERIAL		IND*	***************************************		<u>-</u>	TUBING MATERIAL				
TUBING LENGTH (ft)						TUBING LENGTH (ft)				
UBING CONNECTION		ND*				TUBING CONNECTION				

WELL NAM	LD ORDER NO LL ID A8274  LL NAME 699-13-E2C CONST I ST WELL ID CONST I						LAST INSPECT: NORTHING EASTING ELEVATION	12 59	1/1801 7346.682 0670.753 4.216
	*	MEASUREM	ENT INFORMATION	<u> </u>	—				
			LAST	CURRENT	╣	<del> </del>		1	
DEPTH TO	WATER(ft	)							
DEPTH TO	WATER DA	ATE				╽┠╌╾┦			1
DEPTH TO	BOTTOM(I	t)			1				
DEPTH TO	воттом г	DATE		1	<del>-</del>				
STICK UP(	ft)			44.1	-! !			A	
REFERENC	E MARK(ft)								
REFERENC	E MARK IS	TOC   YE	s □ no ☑ nd*	YES NO	7				В
		PERFORATI	ON INFORMATION						
CASING SIZ	ZE TOP		CUTS/FT/ROUND						
-A31140 311	E IOF	BOITOR	CO15/F1/ROUND			<b>▼</b> De	pth to Weter		
					П				
HANGES									
1011023		· · · · · · · · · · · · · · · · · · ·	<del></del>		["	Depth	to Bottom of t	Keli	
									tom of Cesi
<del></del>							ER FROM TOP OF TOM OF WELL FR		
		CASING:	INFORMATION	1	C TOP	OF CASING	TO GROUND SU TO SURVEY REF	RFACE/PA	D
SIZE	TOP	BOTTOM	MATERIAL	TYPE	CONN	ECTION	THICKNES	s	
			<del></del>	<del></del>					
IANGES									
ianges									
IANGES									
HANGES		SCREEN :	INFORMATION						
SIZE	TOP I	SCREEN :	INFORMATION  MATERIAL	1 TY	PE		SLOT SIZE		
HANGES	TOP I			1 TY	PE		SLOT SIZE		
	TOP			1 TY	PE		SLOT SIZE		1
SIZE	TOP I			1 TY	PE		SLOT SIZE		
SIZE	TOP			1 TY	PE		SLOT SIZE		
SIZE	TOP I			1 17	PE		SLOT SIZE		
	TOP I			TY	PE		SLOT SIZE		

1	WELL NAME		INATES PLANT	CASING ELEV WELL DIAM	DRILL DEPTH	PERF/	SCREEN		COMMENTS	PAGE 263
_	WELL TYPE		NS/EW	DATE_COMPL	DEPTH_WATER		TOP	вот	PREVIOUS WELL NAMES	
6	99-13-E2C VW		12551.00 2475.00	436.90	57.0					
	···		22.77.77	12/74					CB-14	
		Hanford PNL-8800	UC-903		300.0				DESTROYED	
		August			65.0					
	Cont	ract DE-AC0	pt of Energy un 6-76RLO 1830		·				1D-SP-6	
	Pacific NW	Lab by Batte	lle Memorial In	istitute					B-SP-7 .	
6	99-13-1A GW		12830.00 -1320.00	441.50	245.0				WATER SUPPLY WELL	
	G#		-1320.00						WPPSS2 #1	
6	99-13-1B		12525,00	439.00	234.0				WATER SUPPLY WELL	
	GW		-1130.00						WPPSS2 #2	
6	99-13-1C GW G									
6	99-13-2A		12700.00 -1800.00	439.50	70.0					
	GW		-1000.00		63.0					
6	99-13-2B GW		12525.00 -1845.00	439.50	875.0					
	<b></b>		1010,00	12/72	41.0				B-35	
6	99-13-2C SW		12800.00 -1500.00	440.90	82.0				DESTROYED	
	<del></del>			12/74					1D-SP-5	
6	99-13-5 SW		13250.00 -4500.00	444.50 6.0 12/74	86.0 38.0				1A-SP-11	
6	99-13-13A SW		13257.00 -13105.00	539.00 5.0	140.0				SEISMIC SHOT HOLE FILE	LED
	,			6/63					SP. 8 GSI	

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Talax well

CT 25 THAT THE

Read of the second

A 8274 RXB 3/2/05

1 of 1

Query HWIS again

# **IWIS Interface - Survey Information - Horizontal**

		SURVEY_CONTRACTOR			MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNITS	QUALIFIE
A8274	699-13-E2C	UNKNOWN	NAD83	01/01/1801	CONVERTED	127346.682	590670.753	m	
***************************************	·······	······	······································	······································			·····	***************************************	***************************************

	SURVEY DAT	'A REPORT		1	quest No. 3-268	<u></u>			
Project No. N/A	No. Title: Well Decommissioning A8274 /699-13-E2C File No. 6ATI 1R2								
Job No. 65400811.122540	Prepared By Tim Johnson	Date 6/8/2007	Reviewe	5AW		Page 1 of 2			
	DESCRIPTION OF WORK		DISTRIBUTION	SDR	PLOT	DWG			
Survey well locati set hub and lath.	on for A8274. If found, fill out WAR	R Report. If not found,	Survey File B. Howard	OR 1					
•	n: US State Plane 1983		C. Wright	1					
Zone:	Washington South 4602		G. Kelty	1					
Project Datum: Vertical Datum:	NAD 1983 (Conus) NAVD 1988		E. Rafuse	1					
Geoid Model:	Geoid03		W. D. Webber	1		·			
Units:	Meters								

#### SURVEY RESULTS AND COMMENTS

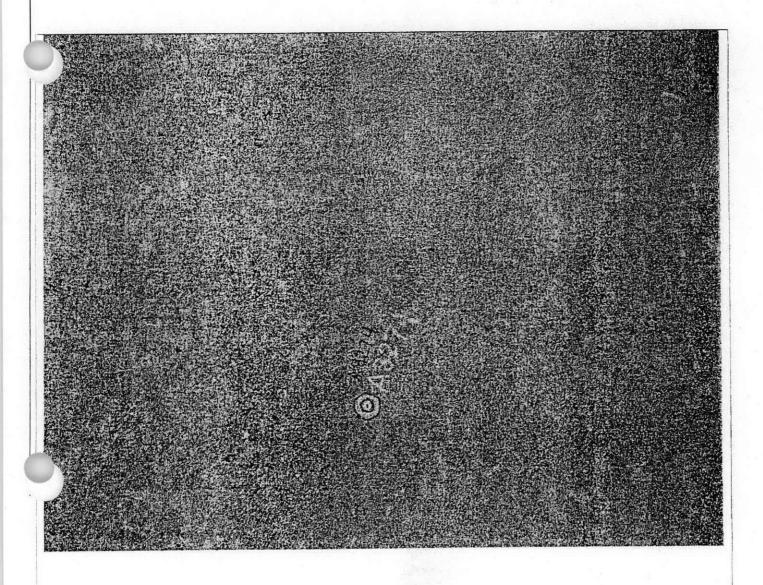
Well ID# A8274 was not found at the listed coordinates: N127346.68 E590670.75

The coordinates fell on concrete. Marked with keel and pen.

See Photo

Equipment Used: Trimble 5800 GPS Receiver, RTK

NOTE: This Survey was performed under the supervision of a Licensed Professional Land Surveyor registered in the State of Washington.



A8274 / 699-13-EZC

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Survey Scan		SUI	RVEY F	REQU:	EST			Reques	t No.	1		1.	1.	
Project No.							<del></del>		11	<u>- L</u>	0 2	6	8	
1	j j	Title	_		<b>.</b>			File No		,			1	
N/A		Well Decommissioning	g: Energy	Northwe	st Plant #1			6 A	Т	1   1	I R	2	8	
Job No.	1	Requested By				Ph	ione	Date Required						
65400811.122540	D CA10   E	Bonnie Howard				37	3-3935 / 366-6173	ASAP						
Field Contact			Organiz	ation		Ph	ione	Location						
Ed Rafuse			FH			37	3-5941 / 539-3859	MO413 / 107 / 200E						
	REF	ERENCE DOCUMEN	TS			┪	GRID SYSTEM		TRIBU					
QMAP Plot & HW	/IS Coordinat	te List				┪	Lambert	Survey	Pile	KIDU	HOI		<u> </u>	
						∣⊟		B.J. Ho					1	
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							Geographic	G.G. Ke					1	
12311U Di		OCATION OF WORK					ORK CONDITIONS	W.D.	ESS	ER			1	
ENW Plant #1 & #	47 0UUA (500	: Sketch)			-		SWP Mask							
							Mask   Operator	<del> </del>		<del></del>			<del></del> -	
					57	ᅢ	Exclusion Entry	<del> </del>					-	
		····	SPE	CIAL II	NSTRUCTI	ONS		<u> </u>					Ч.	
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ITEM				DESCI	RIPTION O	F W	ORK							
1. Stake or	locate wells i	in support of Well Dec	ommission	ning. If	found, abtai	in inf	formation for WAR rep	ort.						
37-11-		7 4 8224 4 8286 4 82	204 40200	F 4 82 00	V 9710		, A8312, A8313, A833	W. 2227			<del></del>			
Wells: A	10221, M023	/, M02/4, M0200, M03	104, A6300	5, A83U9	, W93 10, W	311,	, A6312, A6313, A633	o, A8337	& A83	147.				
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Prepared By N.P. Fastabend				Date 4/24/0*	,		Reviewed By						- }	
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Lead Surveyor/Cre	w													
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Date:		Signature:											ĺ	

Query HWIS again

# **HWIS Interface - Well History Information - Current Status**

WELL_ID	WELL_NAME	STATUS	STATUS_CHANGE_DATE	STATUS_CHANGE_COMMENT
A8274	699-13-E2C	DECOMMISSIONED-V	06/18/2007	FY 2007 Admin Decomm WAR Survey Data Report - no well exists

## **HWIS Interface - Well History Information - Drilling**

WELL_ID	WELL_NAME	STATUS	STATUS_CHANGE_DATE	STATUS_CHANGE_COMMENT
A8274	KQQ_13_E26'	CANDIDATE FOR DECOMMISSIONING	05/09/2002	

# **HWIS Interface - Well Construction Information - Construction Dates**

WELL_ID	WELL_NAME	CONST_DATE	CONST	_DEPTH	CONST	DEPTH	UNITS
A8274	699-13-E2C	- No information	on availat	ole			

Query HWIS again

## **HWIS Interface - Well History Information - Drilling**

WELL_ID	WELL_NAME	DRILL_DATE	START_CARD_NUMBER	DRILL_DEPTH	DRILL_DEPTH_UNITS	COMMENTS	SOURCE	DATE_OF_SOURCE
A8274	699-13-E2C	12/31/1974		57	ft			

Message

Kath, George

From: Howard, Bernie J

mt: Tvesday, Jonany 18, 2006 10:45 AM

Felt, George

:: Devel, Jerry D. Biggerstaff, Dick L. Howard, Bornis J.

to charge status minimimimimimimis should be Eleva Wall o

achments: WPP88 shortd be Elevi Wall connected

Please charge the wall conser from WPPSS to GMM

699-14-E2B A8304

WELL ID A8304		127637.598 FIELD ORDER NO	g			
WELL NAME 699-14-E2B HOST WELL ID	EASTING ELEVATION	590653.096 LAST INSPECTION CONST DATE	N 1/1/1801			
GW OPERABLE UNIT 300-FF-5		12/31/1974 <b>CONST DEPTH</b>				
PROGRAMS		<u> </u>	A CONTROL OF THE PARTY OF THE P			
WASTE SITES 50FT						
WM PLAN(S)						
WASTE STORAGE(S)						
LAST INSPECTION IN	FORMATION	CURRENT INSPECTION I	NFORMATION			
WELL PAD	YES NO NO	WELL PAD	YES NO			
BRASS SURVEY MARKER	YES NO NO	BRASS SURVEY MARKER	YES NO			
MARKER STAMPED WITH SURVEY DATA	1	MARKER STAMPED WITH SURVEY DATA				
MARKER STAMPED WITH WELL ID DATA		MARKER STAMPED WITH WELL ID DATA	YES NO			
WELL LABELED WITH WELL ID	YES NO V ND	WELL LABELED WITH WELL ID	YES NO			
WELL LABELED WITH WELL NAME	☐ YES ☐ NO 🗹 ND	WELL LABELED WITH WELL NAME	YES NO			
PROTECTIVE POSTS	☐ YES ☐ NO 🗹 ND	PROTECTIVE POSTS	YES NO			
REMOVABLE POST IN PLACE	☐ YES ☐ NO 🗹 ND	REMOVABLE POST IN PLACE	YES NO			
WELL LOCK	YES NO V ND	WELL LOCK	YES NO			
WELL DAMAGED	☐ YES ☐ NO 🗹 ND	WELL DAMAGED	YES NO			
WELL IS DRY	YES NO V ND	WELL IS DRY	YES NO			
PARTED CASING	☐ YES ☐ NO 🗹 ND	PARTED CASING	YES NO			
BENTONITE IN WELL	YES NO V ND	BENTONITE IN WELL	YES NO			
WELL SANDED IN	☐ YES ☐ NO ☑ ND	WELL SANDED IN	YES NO			
COLLAPSED CASING	☐ YES ☐ NO ☑ ND	COLLAPSED CASING	YES NO			
EQUIPMENT IN WELL	☐ YES ☐ NO ✓ ND	EQUIPMENT IN WELL	YES NO			
DEBRIS IN WELL	YES NO ND	DEBRIS IN WELL SURFACE EROSION	MAJOR			
SURFACE EROSION	☐ MAJOR ✓ ND ☐ MINOR	SURFACE ERUSION	MINOR			
	NONE		NONE			
LAST PUMP INFO	1 -3	CURRENT PUMP INFORMATION				
PUMP ACTIVITY PERFORMED	INSTALLED ✓ ND	PUMP ACTIVITY PERFORMED	INSTALLED			
	INSPECTED		INSPECTED			
	NONE		NONE			
	REMOVED		REMOVED			
	REPLACED		REPLACED			
	REPAIRED		REPAIRED			
ACTIVITY PEFORMED BY		ACTIVITY PEFORMED BY				
DATE ACTIVITY PERFORMED		DATE ACTIVITY PERFORMED				
PUMP IN WELL	☐ YES ☐ NO 🗹 ND	PUMP IN WELL	YES NO			
PUMP TESTED	YES NO V ND	PUMP TESTED	YES NO			
NEW PUMP	YES NO V ND	NEW PUMP	YES NO			
PUMP TYPE		PUMP TYPE				
PUMP MAKE		PUMP MAKE				
PUMP MODEL		PUMP MODEL PUMP INTAKE DEPTH (ft)	1			
PUMP INTAKE DEPTH (ft)  LAST TUBING INFO	: NDMATTON	CURRENT TUBING INFORMATION				
TUBING SIZE (in)	WHAITOH	TUBING SIZE (in)				
TUBING MATERIAL		TUBING MATERIAL				
TUBING LENGTH (ft)		TUBING LENGTH (ft)				
TUBING CONNECTION	:	TUBING CONNECTION				
LAST MEASUREMENT I	NFORMATION	CURRENT MEASUREMENT	INFORMATION			
DEPTH TO WATER(ft)		DEPTH TO WATER(ft)				
DEPTH TO WATER DATE		DEPTH TO WATER DATE				
DEPTH TO BOTTOM(ft)		DEPTH TO BOTTOM(ft)				
DEPTH TO BOTTOM DATE		DEPTH TO BOTTOM DATE				
STICK UP(ft)		STICK UP(ft)				
REFERENCE MARK(ft)	1	REFERENCE MARK(ft)				
REFERENCE MARK IS TOC	YES NO V ND	REFERENCE MARK IS TOC	YES 🔲 NO			

WELL ID WELL NAME HOST WELL ID GW OPERABLE PROGRAMS WASTE SITES ! WM PLAN(S) WASTE STORAG	UNIT 300-FF		NORTHING EASTING ELEVATION DRILL DATE	127637.598 590653.096 12/31/1974	FIELD ORI LAST INSI CONST DA CONST DE		
			WELL ATTR	IBUTE COMME	NTS		
					· · · · · · · · · · · · · · · · · · ·		
			CASING	INFORMATION			
SIZE/UNITS	TOP/BOT/UN	IITS	MATERIAL	TYPE	CONNECTION	THICKNESS/UNITS	REMOVED
CHANGES							
				INFORMATION		CLOT CUTE /I INITE	DEMOVED
SIZE/UNITS	TOP/BOT/UN	NITS	MATERIAL		ТҮРЕ	SLOT SIZE/UNITS	REMOVED
CHANGES				·	· · · · · · · · · · · · · · · · · · ·		
	•		PERFORATI	ION INFORMAT	TION		
CASING SIZ	ZE/UNITS	ТОР/В	OT/UNITS		CUTS/FT/ROUNI	<b>)</b>	REMOVED
CHANGES							

ND* - Not Documented 8/3/2007 PAGE 2 of 2

# Well ID A8304 Well Name 699-14-E2B Inspection ID: 3386

Inspection Date: 01/01/1801 **PUMP INFORMATION** INSPECTION INFORMATION Pump Activity 「Yes 「No F ND* Well Pad Performed ND* ☐ Yes ☐ No ☐ ND* Activity Performed By Brass Survey Marker Marker Stamped ☐ Yes ☐ No ☐ ND* Date Activity Performed w/Survey Data Marker Stamped w/Well ☐ Yes ☐ No ☐ ND* Pump Tested ☐ Yes ☐ No ☐ ND* ID Data Well Labeled w/Well ID ☐ Yes ☐ No ☐ ND*||New Pump ☐ Yes ☐ No ☐ ND* Well Labeled w/Well ND* ☐ Yes ☐ No ☑ ND* Pump Type Name ND* Yes ☐ No ☑ ND* Pump Make Protective Posts Removable Posts in ☐ Yes ☐ No ☑ ND* Pump Model ND* Place Well Lock ☐ Yes ☐ No ☑ ND* Pump Intake Depth (ft) Yes □ No □ ND* **TUBING INFORMATION** Well Damaged Yes □ No ☑ ND*||Tubing Size (in) Well is Dry ND* Parted Casing ☐ Yes ☐ No ☐ ND* Tubing Material ☐ Yes ☐ No ☐ ND* Tubing Length Bentonite in Well Well Sanded In Yes [ No ▼ ND* Tubing Connection ND* Collapsed Casing Yes ☐ No ☑ ND* Ţp C Yes □ No □ ND* Equipment in Well T Yes 
 No 
 ND* Debris in Well Surface Erosion ☐ Yes ☐ No ☑ ND* **MEASUREMENT INFORMATION** A Depth to Water (ft) Depth To Water Date Depth to Weter **B** Depth to Bottom (ft) Depth to Bottom Date C Stick Up (ft) Depth to Bottom of Casing D Reference Mark (ft)

☐ Yes ☐ No ☐ ND* ND* - Not Documented

Reference Mark in

TOC

NOCTIONS

# SHI SULVOY REPORT + PHOTO; WALL DECOMMISSIONED

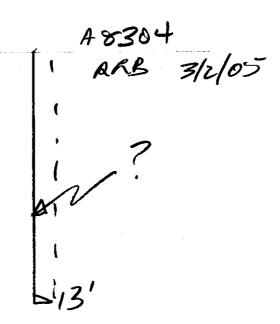
FIELD ORDER NO						LAST INSPECTI		1/1/1801 127637.598 590653.096		
WELL ID	A8304				NORTHING					
WELL NAME	699-14-E2B		_		NST DATE	EASTING	:			
HOST WELL ID	·	<del></del>	ω	NST DEPTH	ELEVATION			<del></del>		
I.A.	ST INSPECTION	N INFO	RMATI	ON		CURRENT INSPECTION I	NFOR	HOLTAN		
WELL PAD			YES		D № ND+	WELL PAD		YES	□ NO	
BRASS SURVEY MARKER	₹		YES		יסא 🗹 כ	BRASS SURVEY MARKER		YES	□ NO	
MARKER STAMPED WIT	H SURVEY DATA		YES		D 10°	MARKER STAMPED WITH SURVEY DATA		YES	□ NO	
MARKER STAMPED WIT	H WELL ID DATA		YES		D MD*	MARKER STAMPED WITH WELL ID DATA		YES	□ NO	
WELL LABELED WITH W	ELL ID		YES		D MD*	WELL LABELED WITH WELL ID		YES	□ NO	
WELL LABELED WITH W	ELL NAME		YES		O 🗹 ND*	WELL LABELED WITH WELL NAME		YES	□ NO	
PROTECTIVE POSTS			YES		D	PROTECTIVE POSTS		YES	□ NO	
REMOVABLE POST IN PI	.ACE		YES	□ NC	D MD*	REMOVABLE POST IN PLACE		YES	□ NO	
METT FOCK	·-·	; 🗆	YES	□ NC	D № ND*	METT TOCK		YES	□ NO	
WELL DAMAGED			YES		D ND*	WELL DAMAGED		YES	□ NO	
WELL IS DRY			YES		D MD*	WELL IS DRY		YES	□ NO	
PARTED CASING			YES	□ NC	D MD*	PARTED CASING		YES	□ NO	
BENTONITE IN WELL			YES		D WD*	BENTONITE IN WELL		YES	□ NO	
WELL SANDED IN			YES		D ND*	WELL SANDED IN		YES	□ NO	
COLLAPSED CASING			YES		ND*	COLLAPSED CASING		YES	□ NO	
QUIPMENT IN WELL			YES		✓ ND*	EQUIPMENT IN WELL		YES	□ NO	
DEBRIS IN WELL	•		YES		D ND*	DEBRIS IN WELL		YES	□ NO	
SURFACE EROSION			MAJOR		NE	SURFACE EROSION		MAJOR	NONE	
	LACT CAMAD TAI	50014		. ☑ ND	)*			MINOR		
	LAST PUMP IN	FORM				CURRENT PUMP INFO	KMAT		<del></del>	
PUMP ACTIVITY PERFOR	MED	☐ INSTALLED ☐ REPLACED ☑ NI		[]	PUMP ACTIVITY PERFORMED	INSTALLED				
						•	☐ REPLACED			
PUMP TESTED			REMO		✓ ND*	PUMP TESTED		REMOV		
NEW PUMP	·		YES YES	<u> </u>		NEW PUMP		YES	_ □ NO	
ACTIVITY PEFORMED BY		ND*	163	□ NO	EL NU	ACTIVITY PEFORMED BY		1 153	⊔ NO	
DATE ACTIVITY PERFOR	MED	l	<del></del> -			DATE ACTIVITY PERFORMED	<u> </u>			
PUMP TYPE		ND*			·····	PUMP TYPE				
PUMP MAKE		ND*				PUMP MAKE		•		
PUMP MODEL	<u></u>	ND*		••		PUMP MODEL	<del></del>			
PUMP INTAKE DEPTH (ft)	)		<del> </del>	··· <del></del>		IPUMP INTAKE DEPTH (ft)			<del></del>	
TUBING SIZE (in)				<del></del>		ITUBING SIZE (in)		<del></del>		
TUBING MATERIAL		ND*				TUBING MATERIAL	ļ —			
UBING LENGTH (ft)					· · · · · · · · · · · · · · · · · · ·	ITUBING LENGTH (ft)		<del></del>	·	
YBING CONNECTION		ND*		<del></del>		TUBING CONNECTION	-	···-		
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FIELD ORDER NO WELL ID WELL NAME HOST WELL ID	A8304 699-14	-E2B	CONST DATE		LAST INSPECTION NORTHING EASTING ELEVATION	1/1/1801 127637.598 590653.096
	MEASU	REMENT INFORMATIO	Y			
		LAST	CURRENT		c	
A DEPTH TO WATER	(ft)				<u> </u>	
DEPTH TO WATER	DATE			╼╬╾╌╣╽┞		
В БЕРТН ТО ВОТТО	M(ft)		: i	_		
DEPTH TO BOTTO	M DATE					
C STICK UP(ft)				- 1111		<b>'</b>
D REFERENCE MARK	(ft)		-	-		
REFERENCE MARK	IS TOC	YES ONO MO NO	P S NO	-		B
	PERFO	RATION INFORMATION	<u> </u>			
CASING SIZE T	DP BOT	TOM CUTS/FT/ROUND	0		▼ Depth to Water	
						1
CHANGES		<del></del>				
					Depth to Bottom of Well	•
)				A DESTRUTO	WATER FROM TOP OF CAS	o Bottom of Casing
	· · · · · ·				DOTTOM OF WELL FROM 1	
	CAST	NG INFORMATION			asing to ground surface Asing to survey refere	
SIZE TOP	BOTTOM	MATERIAL	TYPE	CONNECT	ION THICKNESS	7
						j
HANGES						
	SCRE	EN INFORMATION				
SIZE TOP	воттом	MATERIAL	Т	YPE	SLOT SIZE	]
HANGES						
	<u> </u>	·				

ND* - Not Documented

WEL	L NAME		COORDI		CASING_ELEV		PERF/	SCREEN		PAGE 265 COMMENTS
		TYPE	L 83 NS/EW	PLANT NS/EW	WELL_DTAM DATE_COMPL	COMPL_DEPTH DEPTH_WATER	TYPE DIAM	TOP	вот	PREVIOUS WELL NAMES
699-	 14-E3B	AB		13631.00 2612.00	449.50	303.0				DESTROYED
		AD.		2012.00	12/74	78.0				CB-9
699-	14-E3C			13643.00 2790.00	451.40	76.0				DESTROYED
		AB		2790.00	12/74			-		CB-10
699-	14-E3D	•		13571.00	456.00	84.0		,		
			Hanford	Wells						CB-19
			PNL-8800			629.0				
		M. A	. Chamness August	& J. K. Mer:	Z					BH-142, CB-1
	Pı		for U. S. De	pt of Energy u		301.0				
Contract DE-AC06-76RLO 1830						81.0				CB-7
Pacific NW Lab by Battelle Memorial Institute 699-14-E2B 13505.00				Institute	13.0			٠		
		VW		2420.00	12/74					СВ-6
699-	14-E1 <i>}</i>			14000.00	409.40	60.0				•
		SW		600.00	12/74					1D-SP-7
699-	14-E1F			14200.00		70.0				
	,	SW		1000.00	12/74					1D-SP-8
699-	14-E10			14350.00		96.0				
		SW		900.00	12/74					1D-SP-8A
699-	14-1A	VW		14000.00 -900.00						
		- • •								
699-	14-1B	SW		14100.00 -900.00						
		-"								B-SP-8
699-	14-3	GW		13600.00 -2700.00		63.0				
		JH.		2,00.00	2.3	61.0				R2-SP-5

600 CT. EZBAN



( Marele )

Jagor Jagor

# **HWIS Interface - Survey Information - Horizontal**

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNIT
A8304	699-14-E2B	UNKNOWN	NAD83	01/01/1801	CONVERTED	127637.598	590653.096	m

	SURVEY DATA R	REPORT		1	quest No. 3-268	
Project No. N/A	Title: Well Decommissioning A8304	1699-14-	£28		e No. T11R28	
Job No. 65400811.122540	Prepared By Tim Johnson	Date 6/8/2007	Review	Page 1 of 2		
	DESCRIPTION OF WORK		DISTRIBUTION	SDR	PLOT	DWG
set hub and lath.	on for A8304. If found, fill out WAR Refake photo. n: US State Plane 1983 Washington South 4602 NAD 1983 (Conus) NAVD 1988 Geoid03 Meters	port. If not found,	Survey File B. Howard C. Wright G. Kelty E. Rafuse W. D. Webber	OR 1 1 1 1 1 1 1 1		

#### SURVEY RESULTS AND COMMENTS

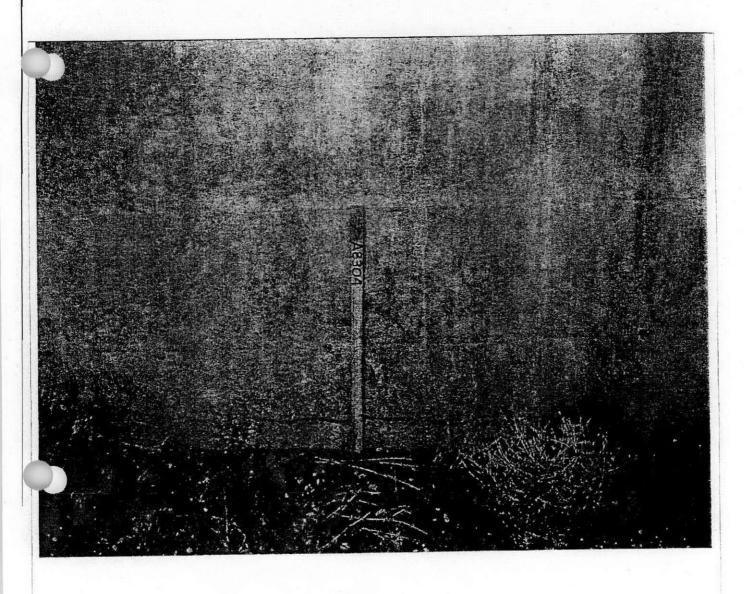
Well ID# A8304 was not found at the listed coordinates: N127637.60 E590653.10

Set hub and lath.

See Photo

Juipment Used: Trimble 5800 GPS Receiver, RTK

OTE: This Survey was performed under the supervision of a Licensed Professional Land Surveyor registered in the State of Washington.



A8304/699-14-EZB

⊠ Surv	<u>-</u>	<del></del>				Request	No.				
Scar	r~ <del>y</del> N	SU	JRVEY REQUEST	Γ		0 7	3 -	0	2	6	8
Project ?	No.	Title		<del></del>		File No.	, ,				,
N/A		Well Decommissioni	ng: Energy Northwest P	lant #1 & #4 A	reas	6 A	T   1	1	R	2	8
Job No.	<u> </u>	Requested By	<u> </u>	Phon		Date Required					
	11.1225400 CA10	Bonnie Howard		373-	3935 / 366-6173	ASAP					
Field Co		I	Organization	Phon	e	Location	i				
Ed Rafu			FH	373-	5941 / 539-3859	MO413	/ 107 / 20	0E			
	R	EFERENCE DOCUME	NTS	C	RID SYSTEM		DISTRIE	BUT	ION		_
QMAP I	Plot & HWIS Coord	inate List			ambert	Survey F					Ļ
			•		Plant Arca	B.J. Hov E.C. Rat					-
					Geographic	G.G. Ke					ΙŤ
		LOCATION OF WOR	RK	WO	RK CONDITIONS		IE BBER				$\Box$
ENW PI	iant #1 & #4/600A				SWP						├-
					viask Operator					—	⊢
					Exclusion Entry						-
		<u></u>	SPECIAL INST		Skolodion Citaly	<u> </u>	-				<u> </u>
		,									
						<del></del>					
ITEM				TION OF WOI							_
1.	Stake or locate we	ills in support of Well I	Decommissioning. If fou	nd, obtain info	rmation for WAR rep	ort.					
	Wells: A8227, A	8257, A8274, A8286, A	.8304, A8308, A8309, A	8310, A8311, A	A8312, A8313, A833	6, A8337	& A8347				
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Prepared	d By		Date		Reviewed By						_
N.P. Fa	stabend		4/24/07								
			NOTES/CO	MMENTS	<u> </u>						_
Land Co.	manage/Craw	<u> </u>					,				
	rveyor/Crew	<del></del>									_
322	[ <b>3 #</b>										
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ate:		Signature:									

Prior Requests
TIPS View CoverSheet **Prior Requests** 

Doc#/Identifier: NA

Title: CHANGE STATUS WPPSS SHOULD BE ENW WELL OWNER



Message

Page 1 of 1

Kelty, George

Frema

Howard, Bernie J

Sant:

Tuesday, January 14, 2006 10:45 AM

To:

Kelly, George

Davis, Jerry D. Biggerstaff, Dick L.: Howard, Bonnie J

Bubject

Please change statue MRITIMENIAPPSS should be EMW Well owner.sls.

Attachments: VIPPSS should be EHM Well owneralls

Please change the well owner from WPPSS to \$40.4

(D)KEIM = EFRO

Well ID	Document Number	Document Type	Date	Description	Rev		
Well ID: A8304, Well Name: 699-14-E2B							
A8304	- No information av	ailable –					

Well ID Document	Number Document Type	Date	Description	Rev				
Well ID: A8304, Well Name: 699-14-E2B								
A8304	WMR	2005-01-18 00:00:00	CHANGE STATUS WPPSS SHOULD BE ENW WELL OWNER	j				

Well ID	Document Number	Document Type	Date	Description	Rev			
Well ID:	Well ID: A8304, Well Name: 699-14-E2B							
A8304	- No information ava	ailable						

# **HWIS Interface - Well History Information - Drilling**

WELL_ID WELL_NAME	DRILL_DATE	START_CARD_NUMBER	DRILL_DEPTH	DRILL_DEPTH_UNIT	SCOMMENTS
A8304 699-14-E2B	12/31/1974		13	ft	

# **HWIS Interface - Well History Information - Drilling**

WELL_ID	WELL_NAME	STATUS	STATUS	CHANGE	DATE	STATUS_	CHANGE_	COMMENT
A8304	11600_1/_ <b>L</b> 7L	CANDIDATE FOR DECOMMISSIONING	05/09/200	)2				

# **HWIS Interface - Well Construction Information - Construction Dates**

WELL_ID	WELL_NAME	CONST_DATE CONST_DEPTH CONST_DEPTH_UNITS
A8304	699-14-E2B	No information available

699-14-E2A (CB-7) Location: N13527, E2473 Surface Elevation: 451.3 12/28-33N10 Hollow stem auger (to 74 ft.) & air rotary, logged by Shannon & Wilson for WPPSS, 1974, MNP-4 foundation test boring

Material (8)	Thickness	Depth
Silty sand, loose, light brown,		
fine to coarse	. 5	5
Sand, loose, gray fine to coarse, clean	. 11	- 16
Sand, dense to very dense, gray fine to coarse, clean Sand, gravel, dense, gray, fine	. 38	54
to coarse, clean	. 6	60
gray-brown, fine to coarse, clean to slightly silty, scattered to numerous cobbles. Clayey silt, hard, light, brown,	174	246
trace fine sand, trace fine gravel	. 29	275
Sandy gravel, very dense, light	. 10	285
gray, silty fine to medium sand, fine to coarse Sand, very dense, light brown,	. 10	295
trace of silt, fine to madium.	- 6	301
A8304 699	-14-E2B -	
699-'4-E2B (CB-6) Location N13505, E2420 Surface Elevation:	12/28-	33N11

Rotary, logged by Shannon & Wilson for WPPSS, 1974, shothole boring

Material (8)	Thickness	Depth
Sand; variegated gray & brown, fire to coarse sand, basalt grains	. 60	60
Sand & gravel: brown, medium		00
sand, gravel	74	134

Pacific NW Lab by Battelle Memorial Institute Prepared for U.S. Dept of Energy under Contract DE-AC06-76RLO 1830 M.A. Chamness & J.K. Merz August 1993

WELL ID	A8308	NORTHING	127658.624	FIELD ORDER NO		
WELL NAME	699-14-E3D	EASTING	590948.577	LAST INSPECTION	1/1/1801	
HOST WELL ID	0,5 2 1 250	ELEVATION	140.037	CONST DATE	1/1/1001	<del></del> .
GW OPERABLE UNIT	300-FF-5	DRILL DATE	12/31/1974	CONST DEPTH		·
PROGRAMS			12/31/13/1	CONST DEF III	<del></del>	<u>-</u>
WASTE SITES 50FT						
WM PLAN(S)					·	
WASTE STORAGE(S)					· .	
LAST IN	SPECTION INFORMAT	ION	CURI	RENT INSPECTION IN	FORMATION	
WELL PAD	∏ YE	S NO V ND	WELL PAD		YES NO	<del></del>
BRASS SURVEY MARKER			BRASS SURVEY MA	ARKER	YES NO	<del>-</del>
MARKER STAMPED WITH				WITH SURVEY DATA	YES NO	
MARKER STAMPED WITH	<del></del>			WITH WELL ID DATA	☐ YES ☐ NO	
WELL LABELED WITH W			WELL LABELED W		YES NO	
WELL LABELED WITH W			WELL LABELED W		YES NO	<del>-</del>
PROTECTIVE POSTS	YE		PROTECTIVE POS		YES NO	
REMOVABLE POST IN PL			REMOVABLE POST		☐ YES ☐ NO	
WELL LOCK	YE		WELL LOCK		YES NO	
WELL DAMAGED	YE		WELL DAMAGED		YES NO	
WELL IS DRY	☐ YE		WELL IS DRY		☐ YES ☐ NO	
PARTED CASING	☐ YE		PARTED CASING		YES NO	
BENTONITE IN WELL	☐ YE		BENTONITE IN WE	=11	YES NO	
WELL SANDED IN	YE	— <u>—</u>	WELL SANDED IN		☐ YES ☐ NO	
COLLAPSED CASING	☐ YE		COLLAPSED CASIN	le .	YES NO	
EQUIPMENT IN WELL	☐ YE		EQUIPMENT IN W		☐ YES ☐ NO	
DEBRIS IN WELL	☐ YE		DEBRIS IN WELL		☐ YES ☐ NO	
SURFACE EROSION		JOR ND	SURFACE EROSIO		MAJOR	
JONA AGE ENGOION		NOR	SORI ACE EROSIO	1	MINOR	
<u> </u>	□ NO				NONE	
LAST	PUMP INFORMATION			URRENT PUMP INFOR		
PUMP ACTIVITY PERFOR	MED INS	TALLED V ND	PUMP ACTIVITY PE		INSTALLED	
	☐ INS	SPECTED			INSPECTED	
	=	NE			NONE	
		IN L		i		
	∐ NO ∫ ∏ REI					
	RE	MOVED	į		REMOVED	
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ACTIVITY PEFORMED BY	☐ REI	MOVED	ACTIVITY PEFORM	ED BY	REMOVED	<del></del>
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	REI	MOVED PLACED PAIRED			REMOVED REPLACED	<u></u>
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DATE ACTIVITY PERFOR	REI	MOVED PLACED PAIRED  NO V ND  NO ND	DATE ACTIVITY PE		REMOVED REPLACED REPAIRED  YES NO	· · · · · · · · · · · · · · · · · · ·
DATE ACTIVITY PERFOR PUMP IN WELL PUMP TESTED	REI	MOVED PLACED PAIRED  NO V ND  NO ND	PUMP TESTED		REMOVED REPLACED REPAIRED  YES NO	· · · · · · · · · · · · · · · · · · ·
DATE ACTIVITY PERFOR PUMP IN WELL PUMP TESTED NEW PUMP	REI	MOVED PLACED PAIRED  NO V ND  NO ND	DATE ACTIVITY PE PUMP IN WELL PUMP TESTED NEW PUMP		REMOVED REPLACED REPAIRED  YES NO	· · · · · · · · · · · · · · · · · · ·
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DATE ACTIVITY PERFOR PUMP IN WELL PUMP TESTED NEW PUMP PUMP TYPE PUMP MAKE	REI   REI	MOVED PLACED PAIRED  NO V ND  NO ND	DATE ACTIVITY PE PUMP IN WELL PUMP TESTED NEW PUMP PUMP TYPE PUMP MAKE	RFORMED	REMOVED REPLACED REPAIRED  YES NO	· · · · · · · · · · · · · · · · · · ·
DATE ACTIVITY PERFOR PUMP IN WELL PUMP TESTED NEW PUMP PUMP TYPE PUMP MAKE PUMP MODEL PUMP INTAKE DEPTH (ft	REI   REI	MOVED PLACED PAIRED  NO V ND NO ND NO ND	DATE ACTIVITY PE PUMP IN WELL PUMP TESTED NEW PUMP PUMP TYPE PUMP MAKE PUMP MODEL PUMP INTAKE DEP	RFORMED	REMOVED REPLACED REPAIRED  YES NO YES NO YES NO	· · · · · · · · · · · · · · · · · · ·
DATE ACTIVITY PERFOR PUMP IN WELL PUMP TESTED NEW PUMP PUMP TYPE PUMP MAKE PUMP MODEL PUMP INTAKE DEPTH (ft	REI	MOVED PLACED PAIRED  NO V ND NO ND NO ND	DATE ACTIVITY PE PUMP IN WELL PUMP TESTED NEW PUMP PUMP TYPE PUMP MAKE PUMP MODEL PUMP INTAKE DEP	TH (ft)	REMOVED REPLACED REPAIRED  YES NO YES NO YES NO	· · · · · · · · · · · · · · · · · · ·
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DATE ACTIVITY PERFORE PUMP IN WELL PUMP TESTED NEW PUMP PUMP TYPE PUMP MAKE PUMP MODEL PUMP INTAKE DEPTH (ft) TUBING SIZE (in) TUBING MATERIAL TUBING LENGTH (ft) TUBING CONNECTION LAST MEA DEPTH TO WATER (ft) DEPTH TO WATER DATE DEPTH TO BOTTOM(ft)	MED  YES  TUBING INFORMATION  SUREMENT INFORMAT	MOVED PLACED PAIRED  NO V ND NO NO ND	DATE ACTIVITY PE PUMP IN WELL PUMP TESTED NEW PUMP PUMP TYPE PUMP MAKE PUMP MODEL PUMP INTAKE DEP TUBING SIZE (in) TUBING MATERIAL TUBING CONNECT CURRE DEPTH TO WATER DEPTH TO BOTTOM	TH (ft) RRENT TUBING INFO  TO NOT MEASUREMENT IN (ft) DATE 1(ft)	REMOVED REPLACED REPAIRED  YES NO YES NO YES NO	· · · · · · · · · · · · · · · · · · ·
DATE ACTIVITY PERFOR PUMP IN WELL PUMP TESTED NEW PUMP PUMP TYPE PUMP MAKE PUMP MODEL PUMP INTAKE DEPTH (ft  LAST TUBING SIZE (in) TUBING MATERIAL TUBING LENGTH (ft) TUBING CONNECTION LAST MEA DEPTH TO WATER (ft) DEPTH TO BOTTOM (ft) DEPTH TO BOTTOM DAT	MED  YES  TUBING INFORMATION  SUREMENT INFORMAT	MOVED PLACED PAIRED  NO V ND NO NO ND	DATE ACTIVITY PE PUMP IN WELL PUMP TESTED NEW PUMP PUMP TYPE PUMP MAKE PUMP MODEL PUMP INTAKE DEP TUBING SIZE (in) TUBING MATERIAL TUBING CONNECTI CURRE DEPTH TO WATER DEPTH TO BOTTOM DEPTH TO BOTTOM	TH (ft) RRENT TUBING INFO  TO NOT MEASUREMENT IN (ft) DATE 1(ft)	REMOVED REPLACED REPAIRED  YES NO YES NO YES NO	· · · · · · · · · · · · · · · · · · ·
DATE ACTIVITY PERFORE PUMP IN WELL PUMP TESTED NEW PUMP PUMP TYPE PUMP MAKE PUMP MODEL PUMP INTAKE DEPTH (ft) TUBING SIZE (in) TUBING MATERIAL TUBING LENGTH (ft) TUBING CONNECTION LAST MEA DEPTH TO WATER (ft) DEPTH TO WATER DATE DEPTH TO BOTTOM(ft)	MED  YES  TUBING INFORMATION  SUREMENT INFORMAT	MOVED PLACED PAIRED  NO V ND NO NO ND	DATE ACTIVITY PE PUMP IN WELL PUMP TESTED NEW PUMP PUMP TYPE PUMP MAKE PUMP MODEL PUMP INTAKE DEP TUBING SIZE (in) TUBING MATERIAL TUBING CONNECT CURRE DEPTH TO WATER DEPTH TO BOTTOM	TH (ft)  RRENT TUBING INFO  TO NOT MEASUREMENT IN  (ft)  DATE  4(ft)  4 DATE	REMOVED REPLACED REPAIRED  YES NO YES NO YES NO	· · · · · · · · · · · · · · · · · · ·

WELL ID	A8308	NORTHING	127658.624	FIELD OR	DER NO		
WELL NAME	699-14-E3D	EASTING	590948.577	LAST INS	PECTION	1/1/1801	
HOST WELL ID		ELEVATION	140.037	CONST DA	<b>ITE</b>		
GW OPERABLE UN	<b>NIT</b> 300-FF-5	DRILL DATE	12/31/1974	CONST DE	PTH		
PROGRAMS							
<b>WASTE SITES 50F</b>	-т						-
WM PLAN(\$)							
WASTE STORAGE	(S)						
		WELL ATTR	BUTE COMME	NTS			
	···						
		CASING 1	INFORMATION				
SIZE/UNITS TO	OP/BOT/UNITS	MATERIAL	TYPE	CONNECTION	THICKNES	S/UNITS	REMOVED
						_	
CHANGES							
		SCREEN 1	INFORMATION	l			
SIZE/UNITS TO	OP/BOT/UNITS	MATERIAL	-	TYPE	SLOT SIZ	E/UNITS	REMOVED
CHANGES							
					·		
			····				
		PERFORATIO	ON INFORMAT	ION			
CASING SIZE/	UNITS TOP	/BOT/UNITS		CUTS/FT/ROUND		·	REMOVED
				•			
CHANGES	,						

ND* - Not Documented 8/7/2007 PAGE 2 of 2

# Well ID A8308 Well Name 699-14-E3D Inspection ID: 3390 Inspection Date: 01/01/1801

Inspection Date: 01/01/1001										
INSPECTION I			ORMATION							
Well Pad	「Yes 「No F ND*	Pump Activity Performed								
Brass Survey Marker	「Yes 「No ▼ ND*	Activity Performed By	ND*							
Marker Stamped w/Survey Data	□ Yes □ No 〒 ND*	Date Activity Performed								
Marker Stamped w/Well ID Data	□ Yes □ No □ ND*	Pump Tested	☐ Yes ☐ No ☞ ND*							
Well Labeled w/Well ID	☐ Yes ☐ No ☐ ND*	New Pump	☐ Yes ☐ No ☑ ND*							
Well Labeled w/Well Name	□ Yes □ No □ ND*	Ритр Туре	ND*							
Protective Posts	□ Yes □ No □ ND*	Pump Make	ND*							
Removable Posts in Place	☐ Yes ☐ No ☞ ND*	Pump Model	ND*							
Well Lock	☐ Yes ☐ No ፫ ND*	Pump Intake Depth (ft)								
Well Damaged	□ Yes □ No □ ND*	TUBING INI	FORMATION							
Well is Dry	☐ Yes ☐ No ☑ ND*	Tubing Size (in)								
Parted Casing	☐ Yes ☐ No ☑ ND*	Tubing Material	ND*							
Bentonite in Well	「Yes 「No F ND*	Tubing Length								
Well Sanded In	「Yes 「No ▼ ND*	Tubing Connection	ND*							
Collapsed Casing	「Yes 「No F ND*									
Equipment in Well	「Yes 「No F ND*		·							
Debris in Well	「Yes 「No F ND*									
Surface Erosion	「Yes 「No ▼ ND*									
MEASUREMENT	INFORMATION									
A Depth to Water (ft)			B							
Depth To Water Date										
B Depth to Bottom (ft)		<b>▼</b> Depth to Water	<u> </u>							
Depth to Bottom Date										
C Stick Up (ft)		Depth to Bottom of	<del>*</del>							
D Reference Mark (ft)		De	pth to Bottom of Casing							
Reference Mark in TOC	□ Yes □ No ☞ ND*	ND* - Not Documented								

# SEE SULVEY REPORT & phoro; WELL DECORM.

#### **WELL ATTRIBUTES REPORT**

ELD ORDER NO L			LAST INSPECTION	<b>)N</b> 1	1/1/1801					
WELL ID	A8308					NORTHING	1	27658.6	24	
WELL NAME	699-14-E3D			CON	IST DATE	EASTING	5	90948.5	77	
HOST WELL ID					IST DEPTH	ELEVATION	1	40.037		
		· · · ·					_			
<u> </u>	AST INSPECTIO	N INFOR	RMATIC	ON		CURRENT INSPECTION I	IFORM	ATION		
WELL PAD			YES	□ NO	✓ ND*	WELL PAD		YES		NO
BRASS SURVEY MARKE	R		YES	□ NO	✓ ND*	BRASS SURVEY MARKER		YES		NO -
MARKER STAMPED WI	TH SURVEY DATA		YES	□ NO	✓ ND*	MARKER STAMPED WITH SURVEY DATA		YES		NO
MARKER STAMPED WI	TH WELL ID DATA		YES	□ NO	✓ ND*	MARKER STAMPED WITH WELL ID DATA		YES		NO
WELL LABELED WITH \	WELL ID		YES	□ NO	✓ ND*	WELL LABELED WITH WELL ID		YES		NO
WELL LABELED WITH \	WELL NAME		YES	□ NO	✓ ND*	WELL LABELED WITH WELL NAME		YES		NO
PROTECTIVE POSTS			YES	□ NO	✓ ND*	PROTECTIVE POSTS		YES		NO
REMOVABLE POST IN F	PLACE		YES	□ NO	✓ ND*	REMOVABLE POST IN PLACE		YES		NO
WELL LOCK			YES	□ NO	✓ ND*	MEIT FOCK		YES		NO
WELL DAMAGED			YES	□ NO	₩ ND*	WELL DAMAGED		YES		NO
WELL IS DRY			YES	□ NO	✓ ND*	WELL IS DRY		YES		NO
PARTED CASING			YES		✓ ND*	PARTED CASING		YES		NO
BENTONITE IN WELL			YES		✓ ND*	BENTONITE IN WELL		YES		NO
WELL SANDED IN			YES	□ NO	✓ ND*	WELL SANDED IN		YES		NO
LLAPSED CASING			YES		✓ ND*	COLLAPSED CASING		YES		NO
QUIPMENT IN WELL			YES	□ NO	✓ ND*	EQUIPMENT IN WELL		YES		NO
DEBRIS IN WELL			YES	□ NO	✓ ND*	DEBRIS IN WELL		YES		NO
SURFACE EROSION			MAJOR	ON 🗆	NE	SURFACE EROSION		MAJOR	ΠŅ	ONE
				. ☑ ND	k			MINOR		
	LAST PUMP IN	IFORMA	TION			CURRENT PUMP INFO	RMATI	ON		
PUMP ACTIVITY PERFO	RMED		INSTA	LLED		PUMP ACTIVITY PERFORMED		INSTAL	TED	
			REPLA	CED	✓ ND*			REPLAC	CED	
			REMO\	<b>/</b> ED				REMOV	/ED	
PUMP TESTED			YES	□ NO	✓ ND*	PUMP TESTED		YES		NO
NEW PUMP			YES	□ NO	✓ ND*	NEW PUMP		YES	ĺ	NO
ACTIVITY PEFORMED E	BY	ND*				ACTIVITY PEFORMED BY				
DATE ACTIVITY PERFO	RMED					DATE ACTIVITY PERFORMED				
PUMP TYPE		ND*				PUMP TYPE				
PUMP MAKE		ND*				PUMP MAKE				
PUMP MODEL		ND*				PUMP MODEL				
PUMP INTAKE DEPTH (	ft)					PUMP INTAKE DEPTH (ft)				
TUBING SIZE (in)					<del></del>	TUBING SIZE (in)		<del></del>	-	
TUBING MATERIAL		ND*				TUBING MATERIAL	<del>-                                    </del>			
"IBING LENGTH (ft)				· · · · · · · · · · · · · · · · · · ·		TUBING LENGTH (ft)				
JBING CONNECTION		ND*				TUBING CONNECTION				
t		<del></del>								

WELL ID	A8308				N	AST INSPECTION ORTHING	1/1/1801 127658.624
WELL NAME HOST WELL ID	699-14-E3	<u>D</u>	CONST DATE CONST DEPTH		**	ASTING LEVATION	590948.577 140.037
		·	<del>-</del>		-		140.037
	MEASUREN	MENT INFORMATION				In 1	
		LAST	CURRENT	_	┧	c	
A DEPTH TO WATER(				_ ├┴──	┞┸┸┓╌		
DEPTH TO WATER							
B DEPTH TO BOTTOM							
DEPTH TO BOTTOM	1 DATE						
C STICK UP(ft)							
D REFERENCE MARK(							
REFERENCE MARK	IS TOC Y	ES 🗌 NO 🗹 ND ^a	YES NO	Ī			В
	PERFORAT	TON INFORMATION					
CASING SIZE TO	DP BOTTO	M CUTS/FT/ROUND	]			oth to literac	•
			•			oth to Water	
CHANGES							
					Depth	to Bottom of Well	1
						Depth to	Bottom of Casing
1	<u>-</u> -			1		R FROM TOP OF CAS OM OF WELL FROM T	
	CASING	INFORMATION	<del>"</del>	C TOP O	F CASING	TO GROUND SURFAC TO SURVEY REFEREN	E/PAD
SIZE TOP	BOTTOM	MATERIAL	TYPE	CONNE	CTION	THICKNESS	]
CHANGES							
-	SCREEN	INFORMATION					
SIZE TOP	воттом	MATERIAL	T	PE.		SLOT SIZE	
		<u> </u>					
CHANGES							
					· ,		
	· · · · · · · · · · · · · · · · · · ·					· ·	
			<del></del>				

WELL NAME WELL TYPE	COORDINATES L 83 PLANT	CASING ELEV	DRILL_DEPTH COMPL_DEPTH	PERF/	SCREEN		COMMENTS	PAGE 265
Merr fied	Hanford Wells	METT DIWM	DEPTH_WATER	TYPE DIAM	TOP	вот	PREVIOUS WELL NAMES	
	PNL-8800 UC-903							
M	A. Chamness & J. K. M	lerz	303.0	•			DESTROYED	
<b>n</b>	August 1993		78.0				CB-9	
	d for U.S. Dept of Energy tract DE-AC06-76RLO 1		76.0				DESTROYED	
	Lab by Battelle Memori		70.0					
	Zuo oj Bunono Momon	ai institute		•			CB-10	
699-14-E3D VW	13571.00 3389.00	456.00	84.0					
***	3309.00	12/74			•		CB-19	
699-14-E3E Gw	13504.00 2502.00	450.10	629.0		•			
Gn	2502.00	12/74					BH-142, CB-1	
699-14-E2A GW	13527.00 2473.00	451.30	301.0		•			
511	2473,00	12/74	81.0				CB-7	
699-14-E2B	13505.00		13.0					
VW	2420.00	12/74					CB-6	
699-14-E1A	14000.00		60.0					
SW	600.00	409.40	60.0					
	•	12/74					1D-SP-7	
699-14-E1B	14200.00	417.60	70.0				,	
SW	1000.00	12/74					1D-SP-8	
699-14-E1C	14350.00	421.00	96.0					
SW	900.00	12/74					1D-SP-8A	
COO 14 15	4.400	,					15 51 511	
699-14-1A VW	14000.00 -900.00							
699-14-1B	14100,00							
SW	-900.00						B-SP-8	
699-14-3	13600,00		63.0					
GW	-2700.00	6.0						
			61.0				R2-SP-5	

# 8308

789

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# **HWIS Interface - Survey Information - Horizontal**

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNIT
A8308	699-14-E3D	UNKNOWN	NAD83	01/01/1801	CONVERTED	127658.624	590948.577	m
By your commence to make a consequence of the conse	SACONY SE NAMEDINA NA MANDRO NASIONANO NA SANDRA NA MANDRO NA SANDRA NA SAND	See Constitution on the Constitution of the Co	and decree one one of the second of the seco	PROPERTY CONTROL AND METEROPORT OF THE PROPERTY CONTROL OF THE PROPERTY CONTRO	Experimental contract to the contract of the c		Carrie Carrier Constitution and Constitution	2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.

	SURVEY DATA REPORT							
ect No.	Well Decommissioning A8308 1899-19-E3D							
Job No. 65400811.122540	Prepared By Tim Johnson					w		
	DESCRIPTION OF WORK		DISTRI	BUTION	SDR	PLOT	DWG	
Survey well locati	on for A8308. If found, fill out WAR	Report. If not found,	Survey	File	OR			
set hub and lath.		,	B. Howard C. Wright		1			
	n: US State Plane 1983				1			
Zone:	Washington South 4602		G. Kelt	y	1			
Project Datum: Vertical Datum:	NAD 1983 (Conus) NAVD 1988		E. Rafu	se	1			
Geoid Model:	Geoid03		W. D. \	Webber	1			
Units:	Meters	•			<del>                                     </del>			

#### SURVEY RESULTS AND COMMENTS

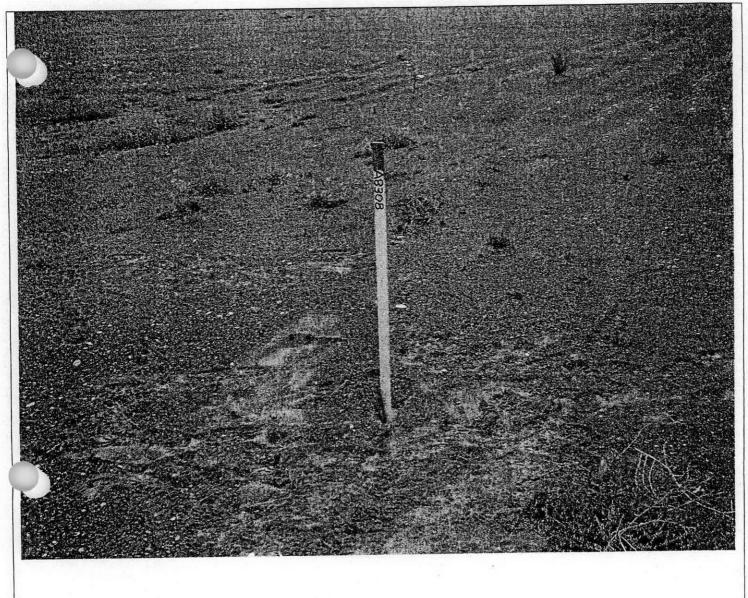
Well ID# A8308 was not found at the listed coordinates: N127658.62 E590948.58

Set hub and lath..

Equipment Used: Trimble 5800 GPS Receiver, RTK

- Photo

NOTE: This Survey was performed under the supervision of a Licensed Professional Land Surveyor registered in the State of Washington.



A8308/699-14-E3D

⊠ Cumuou				Request No.
⊠ Survey □ Scan	SUR	VEY REQUEST		0 7 3 - 0 2 6
Project No.	Title Well Decommissioning	· Energy Northwest Pl	ant #1 & #4 Areas	File No. 6   A   T   1   1   R   2
· .	Requested By	. Energy Hornwood I	Phone	Date Required
uu No.	·		373-3935 / 366-6173	ASAP
5400811.1225400 CA10	Bonnie Howard	Organization	Phone	Location
rield Contact		FH	373-5941 / 539-3859	MO413 / 107 / 200E
Ed Rafuse		<u> </u>		DISTRIBUTION
	REFERENCE DOCUMEN	TS	GRID SYSTEM  Lambert	Survey File
MAP Plot & HWIS Coor	dinate List		Plant	B.l. Howard
			Area	E.C. Rafuse
			☐ Geographic	G.G. Kelty
	LOCATION OF WORK	· · · · · · · · · · · · · · · · · · ·	WORK CONDITION	S W.D. WEBBER
ENW Plant #1 & #4/ 600A	(See Sketch)		SWP Mask	
			Operator	
			Exclusion Entry	
		SPECIAL INST	RUCTIONS	
		4		
		DESCRIP	TION OF WORK	
ITEM				renort
1. Stake or locate v	ells in support of well Del	commissioning. 11 loui	nd, obtain information for WAR	
Wells: A8227, A	48257, A8274, A8286, A8:	304, A8308, A8309, A	8310, A8311, A8312, A8313, A	8336, A8337 & A8347.
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Prepared By		Date	Reviewed	Зу
N.P. Fastabend		4/24/07		
		NOTES/CO	MMENTS	
		NOTES		
Lead Surveyor/Crew		<u>:</u>		
3223#				
		4		
"Date:	Signature:			

# **HWIS Interface - Well History Information - Current Status**

, manual (100 mm)	WELL_ID	WELL_NAME	STATUS	STATUS_CHANGE_DATE	STATUS_CHANGE_COMMENT
	A8308	699-14-E3D	DECOMMISSIONED-V	06/18/2007	FY 2007 Admin Decomm WAR Survey Data Report - no well exists

# **HWIS Interface - Well Construction Information - Construction Dates**

WELL_ID	WELL_NAME	CONST_DATE	CONST_	DEPTH	CONST	DEPTH	UNITS
A8308	699-14 <b>-</b> E3D	No information	n availab	le			

Well ID Document Number	Document Type	Date	Description	Rev
Well ID: A8308, Well Name:	699-14-E3D	)		
A8308 - No information av	ailable –			

# **HWIS Interface - Well History Information - Drilling**

WELL_ID	WELL_NAME	DRILL_DATE	START_CARD_NUMBER	DRILL_DEPTH	DRILL_DEPTH_UNITS	COMMENTS
A8308	699-14-E3D	12/31/1974		84	ft	

# **HWIS Interface - Well History Information - Drilling**

WELL_ID WELL_	NAME STATUS	STATUS_CHANGE_DATE	STATUS_CHANGE_COMMENT
A8308 699-14-	E3D CANDIDATE FOR DECOMMISSIONING	05/09/2002	

699-14-E3C (CB-10) Location: N13643, E2790

12/28-33N7

Surface Elevation: 451.4
Hollow stem auger, logged by Shannon & Wilson for WPPSS, 1974, WNP-4 foundation test

boring

Material (8)	Thickness	Depth
Silty sand, loose, light brown fine to medium	. 5	5
Sand, loose, gray, fine to coarse clean scattered fine to coarse		•
gravel		8
fine to coarse gravel Sandy gravel, medium to very dens	. 49	57
gray fine to coarse, clean Gravelly sand grading to sandy gravel below 69 ft., very dense light gray-brown, fine to		67
coarse, clean	. 9	76
A8308 699-	14-E3D	
699-14-E3D (CB-19)		
Surface Elevation: 456.0	12/28-	33N8
Hollow stem auger, logged by Sh	annon & Wi	lson

for WPPSS, 1974, WNP-4 foundation test boring

Material (8)		Thickness D	
Silty sand, light brown, fine . Sanc, medium to very dense, gray to gray brown, fine to medium, clean to slightly silty, scattered fine to	•	2	2
Gravelly sand, very dense, gray-brown, fine to coarse gravel, fine to medium sand,	•	· 68	70
clean	•	4	74
silty	•	10	84

Pacific NW Lab by Battelle Memorial Institute August 1993
Prepared for U.S. Dept of Energy under Contract DE-AC06-76RLO 1830

M.A. Chamness & J.K. Merz HANFORD WELLS PNL-8800 UC-903

WELL ID	A8309	NORTHING	<b>12</b> 7637.368 <b>FIELD ORDER NO</b>	
WELL NAME	699-14-E3E	EASTING	590678.107 LAST INSPECTION	1/1/1801
HOST WELL ID		ELEVATION	138.239 <b>CONST DATE</b>	5/21/1972
<b>GW OPERABLE UNIT</b>	300-FF-5	DRILL DATE	5/21/1972 <b>CONST DEPTH</b>	629
PROGRAMS				<del></del>
WASTE SITES 50FT				
WM PLAN(S)				
WASTE STORAGE(S)				
LACT TO	SPECTION INFORMAT	FTON	CURRENT INSPECTION I	MEODMATTON
WELL PAD	ASPECTION INFORMA		WELL PAD	YES NO
BRASS SURVEY MARKER		ES NO NO	BRASS SURVEY MARKER	YES NO
MARKER STAMPED WIT		ES NO V ND	MARKER STAMPED WITH SURVEY DATA	YES NO
MARKER STAMPED WIT	_::	ES NO V ND	MARKER STAMPED WITH WELL ID DATA	YES NO
WELL LABELED WITH W		ES NO NO	WELL LABELED WITH WELL ID	☐ YES ☐ NO
WELL LABELED WITH W		ES NO NO	WELL LABELED WITH WELL NAME	☐ YES ☐ NO
PROTECTIVE POSTS		ES NO NO	PROTECTIVE POSTS	YES NO
REMOVABLE POST IN P		ES NO V ND	REMOVABLE POST IN PLACE	YES NO
WELL LOCK		ES NO V ND	WELL LOCK	☐ YES ☐ NO
WELL DAMAGED		ES NO V ND	WELL DAMAGED	YES NO
WELL IS DRY	<del></del>	ES NO V ND	WELL IS DRY	YES NO
PARTED CASING	<del></del>	ES NO V ND	PARTED CASING	YES NO
BENTONITE IN WELL	<u></u> _	ES NO V ND	BENTONITE IN WELL	YES NO
WELL SANDED IN		ES NO V ND	WELL SANDED IN	☐ YES ☐ NO
COLLAPSED CASING		ES NO ND	COLLAPSED CASING	☐ YES ☐ NO
EQUIPMENT IN WELL		ES NO V ND	EQUIPMENT IN WELL	YES NO
DEBRIS IN WELL		ES NO NO ND	DEBRIS IN WELL	YES NO
SURFACE EROSION		AJOR V ND	SURFACE EROSION	MAJOR
		INOR		MINOR
i İ		ONE		NONE
l	T PUMP INFORMATIO		CURRENT PUMP INFO	PMATTON
LAS	I LOWS THEORIGINA	N	CORREINI FORF INFO	MINITOIT
PUMP ACTIVITY PERFORM		NSTALLED V ND	PUMP ACTIVITY PERFORMED	INSTALLED
	RMED IN			, <u> </u>
	RMED II	NSTALLED V ND		☐ INSTALLED
	RMED   II	NSTALLED V ND NSPECTED		☐ INSTALLED ☐ INSPECTED
	RMED   II   II   N   R	NSTALLED  V ND NSPECTED ONE		☐ INSTALLED ☐ INSPECTED ☐ NONE
	RMED   II   If   N   R   R	NSTALLED  V ND NSPECTED ONE EMOVED		☐ INSTALLED ☐ INSPECTED ☐ NONE ☐ REMOVED
	RMED   II   II   N   R   R   R	NSTALLED  V ND NSPECTED ONE EMOVED EPLACED		☐ INSTALLED ☐ INSPECTED ☐ NONE ☐ REMOVED ☐ REPLACED
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PUMP ACTIVITY PERFORMED B	RMED   If   If   If   If   If   If   If   I	NSTALLED  V ND NSPECTED ONE EMOVED EPLACED	PUMP ACTIVITY PERFORMED  ACTIVITY PEFORMED BY	☐ INSTALLED ☐ INSPECTED ☐ NONE ☐ REMOVED ☐ REPLACED
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ACTIVITY PERFORMED B DATE ACTIVITY PERFORMED PUMP IN WELL PUMP TESTED	RMED   II	NSTALLED  ND NSPECTED ONE EMOVED EPLACED EPAIRED  ES  NO  ND ES  NO  ND	PUMP ACTIVITY PERFORMED  ACTIVITY PEFORMED BY DATE ACTIVITY PERFORMED PUMP IN WELL PUMP TESTED	INSTALLED INSPECTED NONE REMOVED REPLACED REPAIRED YES NO
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WELL ID	A8309	NORTHING	127637.368	FIELD OR	DER NO		
WELL NAME	699-14-E3E	EASTING	590678.107 138.239 5/21/1972	LAST INS	PECTION	1/1/1801 5/21/1972 629	
HOST WELL ID	)	ELEVATION		CONST DA	\TE		
GW OPERABLE	UNIT 300-FF-5	DRILL DATE		CONST DE	PTH		
PROGRAMS							
WASTE SITES	50FT					<b></b>	
WM PLAN(S)					. <u></u>		
WASTE STORA	GE(S)						
		WELL ATTR	IBUTE COMME	ENTS			
		CASING	INFORMATIO	N			
SIZE/UNITS	TOP/BOT/UNITS	MATERIAL	TYPE	CONNECTION	THICKNESS	/UNITS	REMOVED
3/in	0/409/ft	CARBON STEEL	INNER				N
	<u> </u>				J.		
CHANGES							
		SCREEN	INFORMATIO	N	. ·		
SIZE/UNITS	TOP/BOT/UNITS	MATERIAL		TYPE	SLOT SIZE	/UNITS	REMOVED
<u> </u>							
CHANGES							
		PERFORATI	ON INFORMA	TION			
CASING SI	ZE/UNITS TO	P/BOT/UNITS		CUTS/FT/ROUND	)		REMOVED
L							
-							
CHANGES							
				·			

#### Well ID A8309 Well Name 699-14-E3E **Inspection ID: 3391**

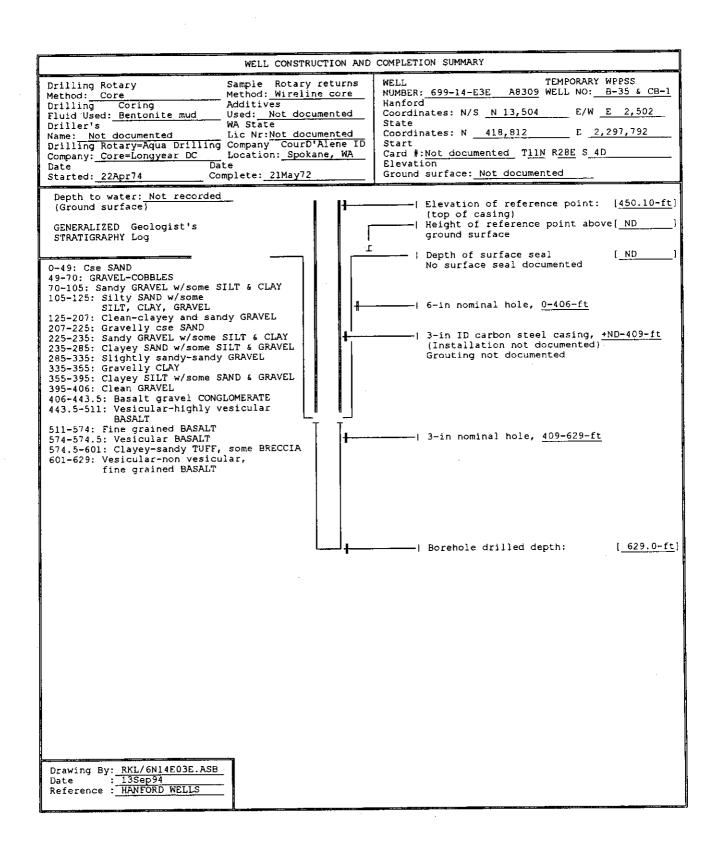
Inspection Date: 01/01/1801

INSPECTION IN		PUMP INFORMATION			
Well Pad	「Yes 「No F ND*	Pump Activity Performed			
Brass Survey Marker	☐ Yes ☐ No ☐ ND*	Activity Performed By	ND*		
Marker Stamped w/Survey Data	□ Yes □ No □ ND*	Date Activity Performed			
Marker Stamped w/Well ID Data	┌ Yes ┌ No ┍ ND*	Pump Tested	┌ Yes ┌ No ┍ ND*		
Well Labeled w/Well ID	☐ Yes ☐ No ☐ ND*	New Pump	☐ Yes ☐ No ☐ ND*		
Well Labeled w/Well Name	□ Yes □ No □ ND*	Pump Type	ND*		
Protective Posts	□ Yes □ No □ ND*	Pump Make	ND*		
Removable Posts in Place	「Yes 「No F ND*	Pump Model	ND*		
Well Lock	☐ Yes ☐ No ☑ ND*	Pump Intake Depth (ft)			
Well Damaged	「Yes 「No ▼ ND*	TUBING INFORMATION			
Well is Dry	Yes □ No □ ND*	Tubing Size (in)			
Parted Casing	Yes	Tubing Material	ND*		
Bentonite in Well	☐ Yes ☐ No ☐ ND*	Tubing Length			
Well Sanded In	Yes	Tubing Connection	ND*		
Collapsed Casing	☐ Yes ☐ No ☐ ND*				
Equipment in Well	☐ Yes ☐ No ☞ ND*	]     - In   c			
Debris in Well	☐ Yes ☐ No ☐ ND*				
Surface Erosion	☐ Yes ☐ No ☐ ND*				
MEASUREMENT	INFORMATION	]			
A Depth to Water (ft)			В		
Depth To Water Date					
B Depth to Bottom (ft)		₩ Depth to Weter			
Depth to Bottom Date					
C Stick Up (ft)		Depth to Bottom of	Well Pottom of Casing		
D Reference Mark (ft)		1			
Reference Mark in TOC	「Yes 「No F ND*	ND* - Not Documented			

· WELL N		COORDI			DRILL_DEPTH		PERF/S	CREEN		COMMENTS	PAGE 265
	ELL TI	L 83 NS/EW	PLANT NS/EW	WELL_DIAM DATE_COMPL		TYPE	DIAM	TOP	BOT	PREVIOUS WELL NAMES	
699-14-	E3B AB		13631.00 2612.00	449.50	303.0			•		DESTROYED	
	AU		2012.00	12/74	78.0					CB-9	
699-14-	E3C AB		13643.00 2790.00	451.40	76.0				•	DESTROYED	
				12/74						CB-10	
699-14-	E3D VW		13571.00 3389.00	456.00	84.0						4
		 		12/74				· 		CB-19	
699-14-	E3E GW		13504.00 2502.00	450.10	629.0						
	<b>J.</b>			12/74						BH-142, CB-1	/
699-14-	E2A GW			Hanford W						СВ-7	
699-14-			<b>M</b>	A. Chamness & August 19	J. K. Merz						
	VW		Prepare		of Energy unde	r				CB-6	
699-14-	E1A			tract DE-AC06-							
033**14**	SW		Pacific NW	Lab by Battelle	e Memorial Inst	itute				1D-SP-7	
699-14-	E1B SW		14200.00 1000.00	417.60	70.0						
•				12/74						1D-SP-8	
699-14-	E1C SW		14350.00 900.00	421.00	96.0						
				12/74						1D-SP-8A	
699-14-	1A VW		14000.00 -900.00								
699-14-	1B SW		14100.00 -900.00								
										B-SP-8	
699-14-			13600.00		63.0						
	GW		-2700.00	6.0	61.0					R2-SP-5	

A 8309 RRB 3/2/05 mul rotury we 409' Growing ND Bound 443.5

Exemply for the



#### SMMARY OF CONSTRUCTION DATA AND FIELD OBSERVATIONS RESOURCE PROTECTION WELL - 699-14-E3E

WELL DESIGNATION CERCLA UNIT 699-14-E3E Not applicable RCRA FACILITY :
HANFORD COORDINATES :
LAMBERT COORDINATES :
DATE DRILLED :

Not applicable N 13,504 W 2,502 [HANFORD WELLS] N 418,812 E 2,297,792 [HANCONV] Core-May74

DATE DRILLED :
DEPTH DRILLED (GS):
MEASURED DEPTH (GS):
DEPTH TO WATER (GS):
CASING DIAMETER :
ELEV TOP CASING :
ELEV GROUND SURFACE :
PERFORATED INTERVAL : 629.0-ft Not documented Not documented

Not documented
3-in ID carbon steel, +ND-409-ft? (Not documented)
450.10-ft (HANFORD WELLS)
Not documented
Not applicable
Not applicable
FIELD INSPECTION,
OTHER. SCREENED INTERVAL COMMENTS

OTHER: Geologist AVAILABLE LOGS TV SCAN COMMENTS:
DATE EVALUATED:
EVAL RECOMMENDATION:
LISTED USE:
CURRENT USER: Not applicable Not applicable
Not applicable
Nuclear power plant siting
Assigned WPPSS

PUMP TYPE MAINTENANCE None

Query HWIS again

#### **HWIS Interface - Survey Information - Horizontal**

1	WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNIT
Con constitute to the second	A8309	699-14-E3E	UNKNOWN	NAD83	01/01/1801	CONVERTED	127637.368	590678.107	m

## A 8309

		Request No. 073-268					
Project No. N/A						e No. T11R28	
Job No. 65400811.122540	Prepared By Tim Johnson	Date Reviewer 5/30/2007 SAW				Pe	
	DESCRIPTION OF WORK		DISTR	IBUTION	SDR	PLOT	DWG
Survey well locati	on for A8309. If found, fill out WAR Report.	If not found,	Survey	File	OR		
set hub and lath.	Take photo.	·	B. How	vard	1		<del>/ _ · · · · · · · · · · · · · · · · · · </del>
-	n: US State Plane 1983		C. Wri	ght	1		• .
Zone:	Washington South 4602	٠.	G. Kelt	<u>-</u>	1		<del></del>
Project Datum: Vertical Datum:	NAD 1983 (Conus) NAVD 1988		E. Rafu	<del>*</del>	1		
Geoid Model:	Geoid03	2 -	W. D. 1		1		
Units:	Meters	a figure comment of the second			İ	1 1	

#### SURVEY RESULTS AND COMMENTS

Parkers

Well ID# A8309 falls inside reactor building #4 and is not accessible at this time.

Listed coordinates are: N127637.37 E590678.11

Equipment Used: Trimble 5800 GPS Receiver, RTK

NOTE: This Survey was performed under the supervision of a Licensed Professional Land Surveyor registered in the State of Washington.

⊠ Survey	Survey Request No.							
Scan	SU	RVEY REQUEST			0 7 3 - 0 2 6	8		
Project No.	Title				File No.	┷┥		
N/A	Well Decommissioning	: Energy Northwest Plant #1	& #4 Aı	reas	6 A T   1   1   R   2	8		
Job No.	Requested By		Phon		Date Required	<del></del>		
65400811.1225400 CA10	Bonnie Howard	•	373-3	3935 / 366-6173	ASAP	ı		
Field Contact	_l	Organization	Phone	e	Location			
Ed Rafuse		FH	373-5	5941 / 539-3859	MO413 / 107 / 200E			
	REFERENCE DOCUMEN	TS	G	RID SYSTEM	DISTRIBUTION			
QMAP Plot & HWIS Coon				ambert	Survey File	$\Box$		
•			1 ==	'lant	B.J. Howard	1		
			\rea	E.C. Rafuse				
	LOCATION OF WORK	· · · · · · · · · · · · · · · · · · ·		Geographic RK CONDITIONS	G.G. Kelty	1		
ENW Plant #1 & #4/ 600A				WP	W.D. WESSER	1		
Ditti   palent con to object	(200 0)			/lask				
				Exclusion Entry				
<u></u>		SPECIAL INSTRUCT	ONS		<del></del>			
						- 1		
		• .				j		
ITEM		DESCRIPTION C	F WOR	lK				
	ells in support of Well Dec	ommissioning. If found, obta	in infor	mation for WAR rep	ort.			
77.11 4 0000 4	0257 40274 40206 402	04, A8308, A8309, A8310, A	921 P A	9217 A9212 A922	CV 10227 8 10242			
Weits: A8221, A	8231, M8214, M8280, M83	104, Majua, Majuz, Majiu, M	0311, A	10312, 70313, 7033	0, A6337 & A6347.			
						Į		
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						- 1		
		4						
				·				
		D		n - 3 1 n				
Prepared By N.P. Fastabend		Date 4/24/07		Reviewed By				
N.P. Pastabend								
		NOTES/COMMEN	rs					
Lead Surveyor/Crew		·	:					
3223#								
7067								
		•						
		· · · · · · · · · · · · · · · · · · ·						
Date:	Signature:							

Query HWIS again

## **HWIS Interface - Well History Information - Drilling**

WELL_ID	WELL_NAME	DRILL_DATE	START_CARD_NUMBER	DRILL_DEPTH	DRILL_DEPTH_UNITS	COMMENTS	SOURCE	DATE_OF_SOU
A8309	699-14-E3E	05/21/1972		629	ft		WELL CONSTRUCTION & COMPLETION SUMMARY/ ASBUILT	09/13/1994

## **HWIS Interface - Well History Information - Drilling**

WELL_ID	WELL_NAME	STATUS	STATUS_CHANGE_DATE	STATUS_CHANGE_COMMENT
A8309	1KUU_14_   1	CANDIDATE FOR DECOMMISSIONING	05/09/2002	

Query HWIS again

#### **HWIS Interface - Well Construction Information - Construction Dates**

WELL_ID WELL_NAME	CONST_DATE	CONST_DEPTH	CONST_DEPTH_UNITS
A8309 699-14-E3E	05/21/1972	629	ft

Query HWIS again

## **HWIS Interface - Survey Information - Vertical**

WELL ID	WELL_NAME	SURVEY_CONTRACTOR	SURVEY_DATE	MEASUREMENT_METHOD	ELEVATION	SURVEY_UNITS QUALIFI
A8309	699-14-E3E	HEIS	12/31/1974	CONVERTED	138.239	m

#### **Available Documents:**

Well ID	Document Number	Document Type	Date	Description	Rev
Well ID:	A8309, Well Name: 6	99-14-E3E			
A8309	- No information ava	ilable –			

#### A8309 699-14-E3E : .

699-14-E3E (8H-142)
Location: N13.500, E2.500 11/28-33N9
Surface Elevation: 450.1
Mud rotary (to 406 ft.) & diamond coring,
drilled by Longyear Drilling Company & logged
by Fugro for WPPSS, 1974, bedrock geologic
investigation borehole

Sanc dank many seemes seemly		
Sanc, dark gray, coarse, poorly graded, predominantly basaltic	. 49	49
Gravel; light brown & dark gray, gravel to cobbles, basaltic & acid igneous		
Sancy gravel; light brown & dark gray, gravel to cobbles, basaltic & acid igneous, some sand		
Sandy gravel; brown, gravel to cobbles, sand w/some silt &		
Clay	. 56	105
silt w/some clay, some gravels	. 20	125
Gravel; clean		
Gravel; clean Sandy gravel; dark gray-brown gravel to cobbles; basaltic & acid igneous, coarse sand, some silt & clay Gravelly sand; dark gray &	81	206
light brown, coarse sand, some gravels	. 18 i	224
Clayey sand; dark gray, coarse sand silty some gravels Gravel, dark gray-brown, slightly sandy	. 61	285
Sandy gravel; gravel to cobbles, medium to coarse sand, some clay	50 20	335 355
Clayey silt green gray, clay w/ some fine sand & gravel Sandy silt; green to gray, fine to coarse sand, some clay & gravel	<b>40</b>	- 395

M.A. Chamness & J.K. Merz

August 1993

Prepared for U.S. Dept of Energy under

Contract DE-AC06-76RLO 1830

Pacific NW Lab by Battelle Memorial Institute

Material	Thickness	Depth
Conglomerate; basaltic, acid	•	
icneous, quartzite grading	_	
to predominantly basaltic grave		
to cobbles	. 18	444
Basalt; dark gray, fine grained,		
slightly vesicular	. 11	455
Basalt, light gray, fine grained		463
vesicular	. 8	463
Basalt; gray, fine grained, highl	y	
vesicular, vesicles to 1 cm.		
elongated, highly fractured,		
light green silty clay fills	40	<b>-11</b>
fractures & joints	48	511
grained, non-vesicular,		
moderately fractured, dense .	63	
Annalas sandas tas	. 63	574 575
	• •	3/3
Tuff; light green gray to gray, clay to fine sand '		
Tuff; breccia; light green gray		
in dark gray matrix		
Tuffe dark green onav olav to		
Tuff; dark green-gray, clay to fine sand, less indurated than		
above		
Tuff; light green		
Breccia tuff; basalt fragments in		
tuff matrix	. 26	601
	. 20	ĐU I
Basalt; light to dark gray, fine		
grained, scoriaceous & highly		,
vesicular to vesicular, green		
silty clay fills fractures &		
joints, highly weathered to	22	C24
umreathered	. 23	624
No record	. 4	628
Basalt; highly vesicular	. 1	629

PNL-8800 UC-903

M.A. Chamness & J.K. Merz

August 1993

Prepared for U.S. Dept of Energy under

Contract DE-AC06-76RLO 1830

Pacific NW Lab by Battelle Memorial Institute

#### **WELL ATTRIBUTES REPORT**

WELL ID	A8311	NORTHING	127703.282	FIELD ORDER NO	
WELL NAME	699-14-E6P	EASTING	591594.43	LAST INSPECTION	1/1/1801
HOST WELL ID		ELEVATION	140.78	CONST DATE	1/8/1966
GW OPERABLE UNIT	300-FF-5	DRILL DATE	1/8/1966	CONST DEPTH	507
PROGRAMS					
WASTE SITES 50FT			·		
WM PLAN(S)					
WASTE STORAGE(S)					
LAST IN	ISPECTION INFOR	MATTON	Cu	RRENT INSPECTION IN	IFORMATION
WELL PAD		YES NO V ND	WELL PAD		YES NO
BRASS SURVEY MARKER		YES NO V ND	BRASS SURVEY	MARKER	YES NO
MARKER STAMPED WITH	·	YES NO V ND		ED WITH SURVEY DATA	YES NO
MARKER STAMPED WITH		YES NO V ND	MARKER STAMP	ED WITH WELL ID DATA	YES NO
WELL LABELED WITH W		YES NO V ND	WELL LABELED	WITH WELL ID	YES NO
WELL LABELED WITH W		YES NO V ND	WELL LABELED	WITH WELL NAME	YES NO
PROTECTIVE POSTS		YES NO V ND	PROTECTIVE PO	STS	YES NO
REMOVABLE POST IN PI	ACE	YES NO V ND	REMOVABLE PO	ST IN PLACE	YES NO
WELL LOCK		YES NO V ND	WELL LOCK	,	YES NO
WELL DAMAGED		YES NO V ND	WELL DAMAGED	)	YES NO
WELL IS DRY		YES NO V ND	WELL IS DRY		YES NO
PARTED CASING		YES NO V ND	PARTED CASING	3	YES NO
BENTONITE IN WELL		YES NO V ND	BENTONITE IN	WELL	☐ YES ☐ NO
WELL SANDED IN		YES NO V ND	WELL SANDED 1	IN	☐ YES ☐ NO
COLLAPSED CASING		YES 🗌 NO 🗹 ND	COLLAPSED CAS	SING	YES NO
EQUIPMENT IN WELL		YES 🔲 NO 🗹 ND	EQUIPMENT IN	WELL	YES NO
DEBRIS IN WELL		YES NO V ND	DEBRIS IN WEL	L	YES NO
SURFACE EROSION		MAJOR • ND	SURFACE EROS	ION	☐ MAJOR
	[	] MINOR			MINOR
<u> </u>		NONE			NONE
LAS	T PUMP INFORMA			CURRENT PUMP INFO	_
PUMP ACTIVITY PERFOR	RMED	_ INSTALLED ✓ ND	PUMP ACTIVITY	PERFORMED	INSTALLED
	1 4	_ INSPECTED			☐ INSPECTED
		_ NONE			☐ NONE
		REMOVED			REMOVED
		REPLACED			REPLACED
		REPAIRED	A COURT OF THE PERSON	DUED BY	☐ REPAIRED
ACTIVITY PEFORMED BY		·	ACTIVITY PEFO		
DATE ACTIVITY PERFOR	MED	VEC DNO DAND	DATE ACTIVITY PUMP IN WELL	PERFURMED	YES NO
PUMP IN WELL	<u>                                 </u>	YES NO W ND	PUMP TESTED		YES NO
PUMP TESTED  NEW PUMP	·   -	YES NO № ND	NEW PUMP		YES NO
PUMP TYPE		J 1E3 [ NO W IND	PUMP TYPE		
PUMP MAKE			PUMP MAKE		
PUMP MODEL			PUMP MODEL		
PUMP INTAKE DEPTH (fl	1		PUMP INTAKE D	EPTH (ft)	
<u></u>	TUBING INFORM	ATION	<del>-</del>	CURRENT TUBING INFO	ORMATION
TUBING SIZE (in)			TUBING SIZE (in	n) .	
TUBING MATERIAL			TUBING MATER		
TUBING LENGTH (ft)		······································	TUBING LENGTI	H (ft)	
TUBING CONNECTION			TUBING CONNE		
	SUREMENT INFO	RMATION	CUR	RENT MEASUREMENT I	NFORMATION
DEPTH TO WATER(ft)			DEPTH TO WAT	ER(ft)	
DEPTH TO WATER DATE			DEPTH TO WAT	ER DATE	
DEPTH TO BOTTOM(ft)	4	189	DEPTH TO BOT	TOM(ft)	
DEPTH TO BOTTOM DAT	E		DEPTH TO BOT	TOM DATE	
STICK UP(ft)			STICK UP(ft)		
REFERENCE MARK(ft)			REFERENCE MA		
	<u></u>	VEC NO AND	DEEDENCE MA		VEC NO

#### **WELL ATTRIBUTES REPORT**

WELL ID	A8311	NORTHING	127703.282	FIELD ORI	DER NO	
WELL NAME	699-14-E6P	EASTING	591594.43	LAST INSF	PECTION $1/1/18$	01
HOST WELL ID		ELEVATION	140.78	CONST DA	TE 1/8/19	66
GW OPERABLE UN	IT 300-FF-5	DRILL DATE	1/8/1966	CONST DE	<b>PTH</b> 507	
PROGRAMS				**************************************		
WASTE SITES 50F	т		•			
WM PLAN(S)	<del></del>	<del></del>				
WASTE STORAGE(	(S)					
		WELL ATTR	IBUTE COMME	ENTS		
			-	<u>-</u>		
		CACING	INFORMATIO	M		
·		-			TUICKNESS (LINES	C BEMOVED
SIZE/UNITS TO		MATERIAL CARRON STEEL	TYPE	CONNECTION	THICKNESS/UNIT	N
1.5/in	0/490/ft	CARBON STEEL	INNER			i iv
		SCREEN	INFORMATIO	N		
SIZE/UNITS TO	OP/ROT/LINITS	MATERIAL		TYPE	SLOT SIZE/UNIT	S REMOVED
3/in	490/500/ft	1,641,4174	P	IPE SIZE		N
L	120/243/12					
CHANGES						
		PERFORATI	ON INFORMA	TION		
CASING SIZE/	UNITS TO	P/BOT/UNITS		CUTS/FT/ROUND		REMOVED
CHANGES						

ND* - Not Documented 8/7/2007 PAGE 2 of 2

#### Well ID A8311 Well Name 699-14-E6P Inspection ID: 3393

Inspection Date: 01/01/1801

INSPECTION IN	NFORMATION	PUMP INFO	ORMATION
Well Pad	□ Yes □ No □ ND*	Pump Activity Performed	
Brass Survey Marker	☐ Yes ☐ No ☐ ND*	Activity Performed By	ND*
Marker Stamped w/Survey Data	□ Yes □ No □ ND*	Date Activity Performed	
Marker Stamped w/Well ID Data	□ Yes □ No □ ND*	Pump Tested	□ Yes □ No □ ND*
Well Labeled w/Well ID	☐ Yes ☐ No ☐ ND*	New Pump	☐ Yes ☐ No ☑ ND*
Well Labeled w/Well Name	「Yes 「No F ND*	Ритр Туре	ND*
Protective Posts	☐ Yes ☐ No ☐ ND*	Pump Make	ND*
Removable Posts in Place	□ Yes □ No ☞ ND*	Pump Model	ND*
Well Lock	☐ Yes ☐ No ☐ ND*	Pump Intake Depth (ft)	
Well Damaged	☐ Yes ☐ No ☐ ND*	TUBING IN	FORMATION
Well is Dry	☐ Yes ☐ No ☑ ND*	Tubing Size (in)	
Parted Casing	☐ Yes ☐ No ☐ ND*	Tubing Material	ND*
Bentonite in Well	☐ Yes ☐ No ☐ ND*	Tubing Length	]
Well Sanded In	「Yes 「No ▼ ND*	Tubing Connection	ND*
Collapsed Casing	「Yes 「No ▼ ND*	JI 4	akkinggiran nasari-dromakin nenggiran
Equipment in Well	Yes    No    ND*		
Debris in Well	☐ Yes ☐ No ☐ ND*		
Surface Erosion	☐ Yes ☐ No ☐ ND*		
MEASUREMENT	INFORMATION		
A Depth to Water (ft)			8
Depth To Water Date			
B Depth to Bottom (ft)	489	▼ Depth to Weter	<u> </u>
Depth to Bottom Date	1	Sec. 28	
C Stick Up (ft)		Depth to Bottom of	Well pth to Bottom of Casing
D Reference Mark (ft)			
Reference Mark in TOC	□ Yes □ No □ ND*	ND* - Not Documented	

ABRTHWEST ENERGY

# SEE WELL SURVEY REPORT & photo, WELL DECOMM.

#### **WELL ATTRIBUTES REPORT**

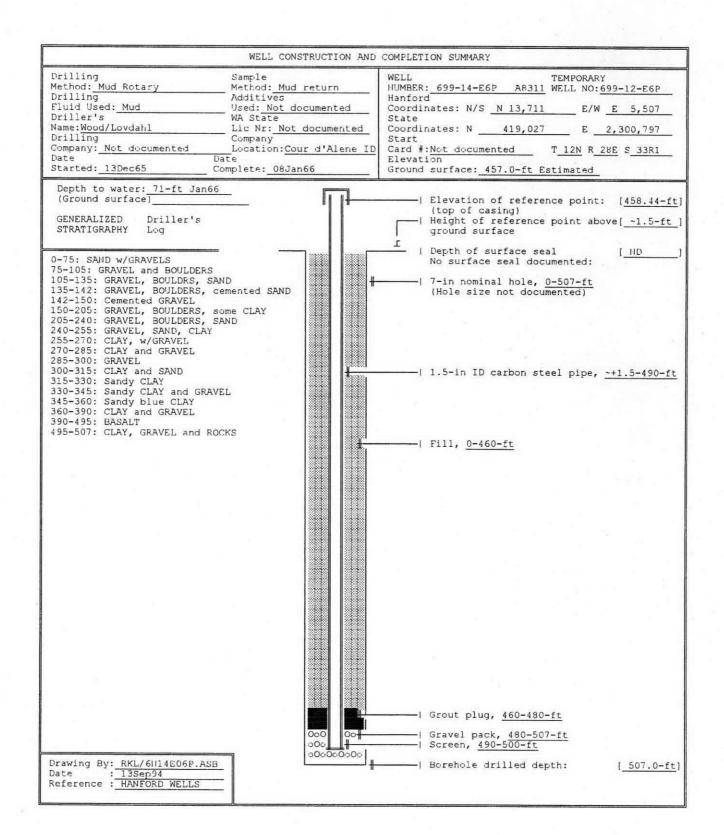
<b>IELD ORDER NO</b>						LAST INSPECTIO	<u> </u>	/1/1801	
WELL ID	A8311					NORTHING	_	27703.28	
WELL NAME	699-14-E6P		CON	ST DATE	1/8/1966	EASTING		91594.43	3
HOST WELL ID			CON	ST DEPTH	507	ELEVATION	14	40.78	
L	AST INSPECTION	N INFORMAT	TION		CUR	RENT INSPECTION IN	FORM	ATION	
WELL PAD	<del></del>	☐ YES		✓ ND*	WELL PAD			YES	□ NO
BRASS SURVEY MARK	ER	☐ YES		✓ ND*	BRASS SURVEY M	ARKER		YES	□ NO
MARKER STAMPED WI	TH SURVEY DATA	☐ YES	□ NO	✓ ND*	MARKER STAMPE	D WITH SURVEY DATA		YES	□ NO
MARKER STAMPED WI	TH WELL ID DATA		□ NO	✓ ND*	MARKER STAMPE	D WITH WELL ID DATA		YES	□ NO
WELL LABELED WITH	WELL ID	☐ YES	□ NO	☑ ND*	WELL LABELED W	TTH WELL ID		YES	□ NO
WELL LABELED WITH	WELL NAME	☐ YES	□ NO	₩ ND*	WELL LABELED W	ITH WELL NAME		YES	□ NO
PROTECTIVE POSTS		☐ YES	□ NO	✓ ND*	PROTECTIVE POS	its .		YES	□ NO
REMOVABLE POST IN	PLACE	☐ YES	□ NO	₩ ND*	REMOVABLE POS	T IN PLACE		YES	□ NO
WELL LOCK		☐ YES	□ NO	✓ ND*	WELL LOCK			YES	□ NO
WELL DAMAGED		☐ YES	□ NO	✓ ND*	WELL DAMAGED			YES	□ NO
WELL IS DRY		☐ YES	□ NO	✓ ND*	WELL IS DRY			YES	□ NO
PARTED CASING		☐ YES	□ NO	✓ ND*	PARTED CASING			YES	
BENTONITE IN WELL		☐ YES	□ NO	✓ ND*	BENTONITE IN W	ELL		YES	□ NO
WELL SANDED IN		☐ YES	□ NO	✓ ND*	WELL SANDED IN			YES	
LLAPSED CASING		☐ YES	□ NO	✓ ND*	COLLAPSED CASI			YES	□ NO
QUIPMENT IN WELL		☐ YES	□ NO	✓ ND*	EQUIPMENT IN W	/ELL		YES	□ NO
DEBRIS IN WELL		☐ YES	□ NO	✓ ND*	DEBRIS IN WELL			YES	□ NO
SURFACE EROSION		☐ MAJ	OR 🗆 NON	ΙE	SURFACE EROSIC	DN		MAJOR	$\square$ NONE
			OR ☑ ND*					MINOR	
	LAST PUMP IN	1		<del></del>		CURRENT PUMP INFOR	MAIT		
PUMP ACTIVITY PERFO	DRMED		FALLED	Le voe	PUMP ACTIVITY F	ZEKFORMED		INSTAL	
			LACED IOVED	₩ ND*	•			REPLAC	
PUMP TESTED		☐ YES		✓ ND*	PUMP TESTED		一一	YES	□ NO
NEW PUMP		☐ YES		✓ ND*	NEW PUMP			YES	
ACTIVITY PEFORMED	BY	ND*		<u> </u>	ACTIVITY PEFOR	MED BY			
DATE ACTIVITY PERFO	DRMED				DATE ACTIVITY F	ERFORMED			
PUMP TYPE	. · · · · · · · · · · · · · · · · · · ·	ND*			PUMP TYPE				
PUMP MAKE	·····	ND*		· · · · · · · · · · · · · · · · · · ·	PUMP MAKE	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		•	
PUMP MODEL		ND*			PUMP MODEL				
PUMP INTAKE DEPTH	(ft)				PUMP INTAKE DE	PTH (ft)			
TUBING SIZE (in)		<del> </del>			TUBING SIZE (in)			<del>,, ,,,</del>	
TUBING MATERIAL		ND*			TUBING MATERIA	NL			
'BING LENGTH (ft)					TUBING LENGTH	(ft)			·····
UBING CONNECTION		ND*			TUBING CONNEC	TION			
<i>y</i>		<del>1</del>							

## SEE WELL SURVEY REPORT & PROTO; WELL DECOMON.

## **WELL ATTRIBUTES REPORT**

WELL ID							ST INSPECTION	1/1/1801
,	A83		_				RTHING	127703.282
WELL NAME	<u>699</u>	-14-E6P	<del></del>	CONST DATE	1/8/1966		STING	591594.43
HOST WELL ID			_ '	CONST DEPTH	507	ELI	EVATION	140.78
	MFA	SUREMENT INFO	ORMATION	<del></del>				•
							<u></u> 1	<u> </u>
		LAS	) ] 	CURRENT		1	<del></del>	
DEPTH TO WAT	ER(ft)				┟┸┈┨╽┃	<u> </u>		
DEPTH TO WAT	ER DATE							
B DEPTH TO BOTT	OM(ft)	489		- +		<u> </u>	-	
DEPTH TO BOTT	OM DATE			+				
STICK UP(ft)				-			_ A	
D REFERENCE MAI	2K/ft)					•		
REFERENCE MAI								В
REFERENCE MAI	K 15 TOC	YES N	IO ☑ ND*	YES   N	ю			
	PER	FORATION INFO	DRMATION				ı	
6167116 6775	<b>700</b> T						,	
CASING SIZE	TOP E	BOTTOM CUTS/	FT/ROUND			<b>₩</b> Dept	h to Water	
							······································	
CHANGES								
						Depth to	o Bottom of Well	↓
<b>}</b>							Depth to	o Bottom of Casing
,				W. <u>L</u>	<del></del>		FROM TOP OF CAS	· · ·
					<b>—</b> 1		M OF WELL FROM 1	TOP OF CASING
				•	CIUPUE	CASING T	O GROUND SURFAC	F/PAD
	.0	ASING INFORM	ATION				O GROUND SURFAC O SURVEY REFEREI	•
SIZE TO				TVDE	D TOP OF	CASING T	O SURVEY REFEREI	•
<b>SIZE TOI</b> 1.5 0	Р ВОТ	rom MA	TERIAL	TYPE		CASING T		•
		rom MA		TYPE INNER	D TOP OF	CASING T	O SURVEY REFEREI	•
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1.5 0	Р ВОТ	rom MA	TERIAL		D TOP OF	CASING T	O SURVEY REFEREI	•
1.5 0	P BOT1	TOM MA 0 CARE	TERIAL ION STEEL		D TOP OF	CASING T	O SURVEY REFEREI	•
	P BOT1	rom MA	TERIAL ION STEEL		D TOP OF	CASING T	O SURVEY REFEREI	•
1.5 0	9 BOT1 49	CREEN INFORM	TERIAL ION STEEL		D TOP OF	CASING T	O SURVEY REFEREI	•
1.5 0	9 BOTT	CREEN INFORM	TERIAL ION STEEL ATION	INNER	CONNEC	CASING T	O SURVEY REFEREI	•
1.5 0 CHANGES SIZE TOP	9 BOTT	CREEN INFORM	TERIAL ION STEEL ATION	INNER	CONNEC	CASING T	O SURVEY REFEREI	•
1.5 0 CHANGES  SIZE TOP 3 490	9 BOTT	CREEN INFORM	TERIAL ION STEEL ATION	INNER	CONNEC	CASING T	O SURVEY REFEREI	•
1.5 0 CHANGES SIZE TOP	9 BOTT	CREEN INFORM	TERIAL ION STEEL ATION	INNER	CONNEC	CASING T	O SURVEY REFEREI	•
1.5 0  HANGES  SIZE TOP 3 490	9 BOTT	CREEN INFORM	TERIAL ION STEEL ATION	INNER	CONNEC	CASING T	O SURVEY REFEREI	•

WELL NAME		INATES	CASING ELEV		PER	s/screen		COMMENTS
WELL TYPE PUMP TYPE		PLANT NS/EW	WELL DIAM DATE_COMPL	COMPL DEPTH DEPTH WATER	TYPE DIA	M TOP	вот	PREVIOUS WELL NAMES
699-13-13B		13257.00	539.00	140.0				SEISMIC SHOT HOLE FILLED
SW		-13105.00	5.0 6/63					SP. 1-2 GSI
699-13-26		13092.00	512.78	820.0				4" PLASTIC LINER
GW		-26479.00	6.0 2/81	214.0 115.0				GOLDER S-14
699-13-28A								
		rd Wells 0 UC-903		135.0				
М	. A. Chamne	ss & J. K. Me ist 1993	erz					
		Dept of Energy		167.5	P 8.	0 120.0	147.0	PLUG AT 156
		C06-76RLO 18 attelle Memoria		156.0 120.0				12.5-64.0, USGS
699-14-E6P		13711.00	458.44	507.0 500.0	P 1.	5 490.0	500.0	÷
GW		5507.00	1.5 1/66	500.0				
699-14-E6Q		13749.00		452.0 450.0	s 1.	5 440.0	450.0	ELEPHANT MOUNTAIN INTERFLOW ZONE
GW		5507.00	1/66	71.0				
699-14-E6R		13787.00		390.0 390.0	P 1	5 377.	0 387.0	
GW		5508.00	1.5 2/66	71.0				
699-14-E6S		13830.00		302.0 294.0	P 1	.5 284.	0 294.0	
GW		5506.00	2/66	294.0				
699-14-E6T		13869.00		122.0	s 1	.5 110.	0 120.0	SINGLE PIEZOMETER HOLE, BENT OVER, NO LONGER USED
· GW		5500.00	1.5 2/66	120.0 94.0				Crain, inc Leaves
699-14-E4		13800.00		114.0				
SW		4000.00	12/74					1C-SP-11
699-14-E3A		13900.00		88.0				DESTROYED
AB		2860.00	12/74	82.0				CB-2



#### SUMMARY OF CONSTRUCTION DATA AND FIELD OBSERVATIONS RESOURCE PROTECTION WELL - 699-14-E6P

WELL DESIGNATION RCRA FACILITY 699-14-E6P CERCLA UNIT

Not applicable
Not applicable
N 13,711 E 5,507 [HANFORD WELLS]
N 419,027 E 2,300,797 [HANCONV] HANFORD COORDINATES : LAMBERT COORDINATES :

DATE DRILLED Jan66 DEPTH DRILLED (GS) 507.0-ft

MEASURED DEPTH (GS):
DEPTH TO WATER (GS):
CASING DIAMETER:
ELEV TOP OF CASING:
ELEV GROUND SURFACE:

Not documented
71-ft, Jan66
1J-in, carbon steel, (nominal) ~+1.5-490.0-ft
458.44-ft, [HANFORD WELLS]
457.0-ft, Estimated
Not applicable
490-500-ft

PERFORATED INTERVAL :

SCREENED INTERVAL COMMENTS FIELD INSPECTION,

OTHER: Driller

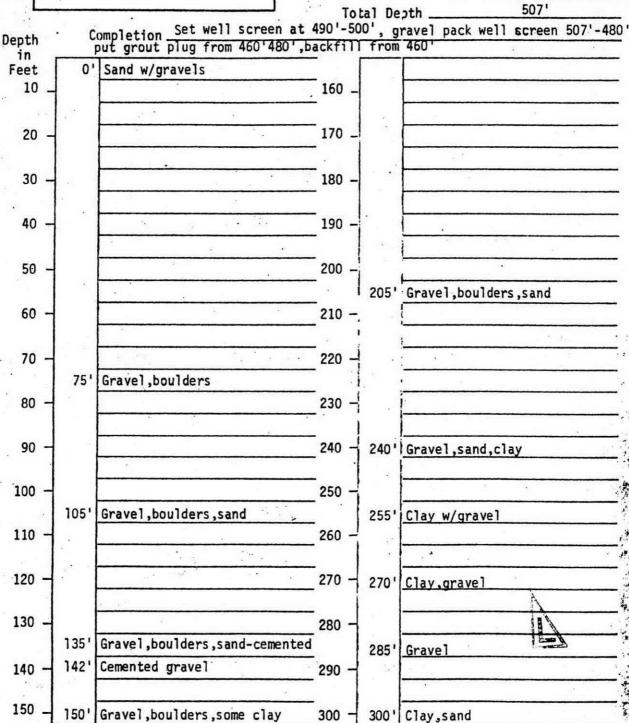
AVAILABLE LOGS : TV SCAN COMMENTS : DATE EVALUATED : EVAL RECOMMENDATION : LISTED USE : Not applicable Not applicable

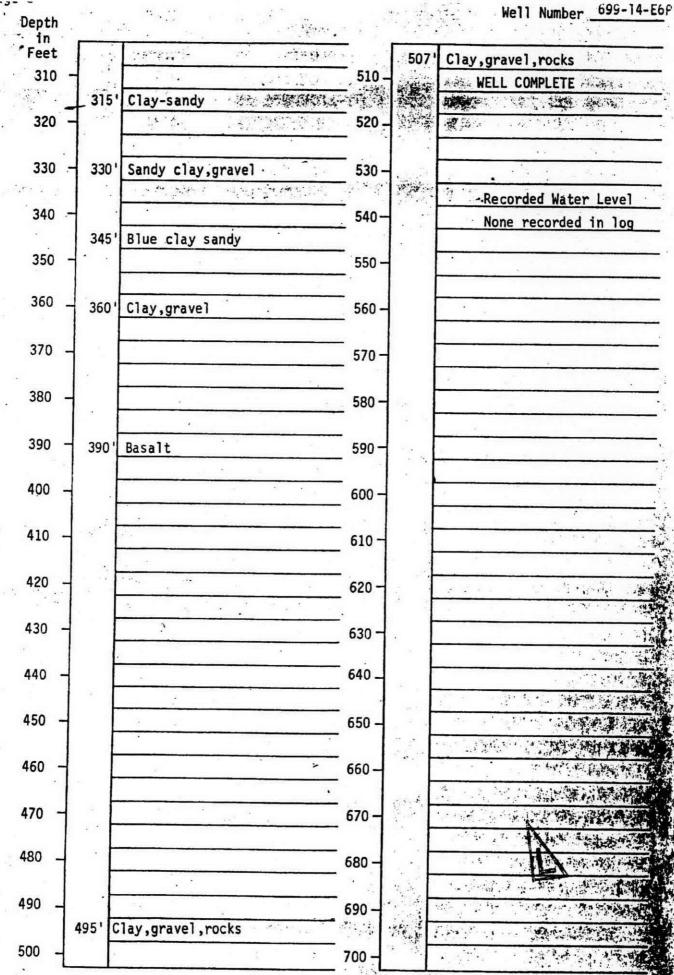
Not applicable No water level measurement data;

CURRENT USER None documented PUMP TYPE None documented MAINTENANCE

	MONITORIN	IG NETWORK AS	311		
WELL - PIEZOMETER CLUS		WELL	1	OPEN INTERVAL ( (FT-FT)	· · · · · · · · · · · · · · · · · · ·
COORDINATES: P 0 013711		PERFORATED  SCREENED	WELL DIAM	ETED .	1.5
		DATE DRILLED:	1/	66	
CASING BOTTOM GRILLED	DEPTH TO WATER (FEET)		en 190.	500	
458.44 494 507	71	gravel pack	480-50	, 9. Part p	lug 160.1
WELL DATA AVAILABLE	RECOMMEND	ED A		WELL LOG IN	FORMATION
DRILLER'S LOG:	REPAIRS:	it I before		FEET	
CORE:		ave Med before		+	
WATER TABLE:				1	
RADIONUCLIDE: 2-4		100		-	5 4nd .
CHEMISTRY:	· · · · ·	41/	100	, +	grasel .
WELL CONDITION				Ŧ	٤
FIELD LOCATED:				+	boldors
MARKED:			200		
CAPPED:				1	
CLEANED:		1		1	clay
SCREEN OR PERFORATION CONDITION:	RECOMMENDED MAINTENANCE	*/	300	+	quarel
			-	\$30.34	5 - clay
				+	gravel 3
			400		C107 3
WELL RECOMMENDED FOR:				T	
			^	+	basalt
RADIONUCLIDE PUMP TESTING				†	
ATER SAMPLE	2.11		500	1	1
EPRESENTS:		7		+	
- v. m - 127 - 5-	"INSPECTED BY : "	· D		1	
				+	
	DATE		600		

			Well Number	699-14-E6P
			Coordinates P - N	013711 E E 005507
	1. A. C.		Elevation of Casin	g 458.44'
-			Water Level	71'
			Date	4-73
		•	Casing Dia1.5	Length
		11. 14. 15. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14	DrillerJ. W	ord & S. Lovdahl
		x *	Date of Orilling _	12-13-65 to 1-8-66
			Total Depth	507'





DESTRUCTED 1.00 DATE WELL HO. Wern the times of court DEPTH COMPLETION OF BHIFT FOREMAN . CAMPITTALIZATION AND THE CORING DEPTH TIME DEFIH TIME REMARKS 13:00-1830 A -7600 -695 (. .

A -7600 -025 (:						95 ·			3	*		C800 504	2000 498	1915 495	1700 480	Osco 471'	TIME DEPTH	Those & Loudabl	C 7D-1		
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•					<b>&gt;</b> 2×8.				`					4 Packs	1. Rocks		Η,	2000-	DATE /5/	.03	
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2000	467			BASAIT			11	
0500	160	·····	DEPTH	BASALT	TIME		Slow Drilli	
TIME	.1166	COR	I N G DEP1H	TYPE SOIL	20:00	0800	OVIER BELAY	
S. L. L.	F	,	FOREMAN	, [	12 /2/ 600- 20:00-	2000	DESTRICT COMPRESSION CO G	907
1.1.1 HO.	D-1		WELL HO.		*** ***********************************	T. JOHN BOLL	159 10 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -	¥
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Twoed	SLouda	61	FOREMAN	• .	5111FL800-	2000	DEPTH COMPLETION OF BUILT
TIME	LING DEPTH		RING	Type out	2000-	0800	Ovilen Delays
ofco	504		DEPTH	TYPE SOIL	TIME		EXPLANATION
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er er		20.10		DRILLING I	03 1	COROT RO	C.A.C. 159	
CJ.C	2-/	, 3	WELL HO.	P	DATE 1/8/	66	опети пунцина ог	surr.
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699-14-EGP

A-7800-059 (9-60) 14-E6P WELL NO. WELLL PHYSICAL DATA MATERIAL FROM FT. TO FT. FROM FT. TO FT. Sand w/gravels WELL DEPTH 5071 751 1051 Gravel and boulders DEPTH TO WATER 7/ 1.051 1351 Gravel, boulders, sand 1351 1421 Gravel, boulders, sand-demented FT. OF CASING 508.5 1421 150 Cemented gravel FROM 490 TO 500 1501 2051 Gravel, boulders, some dlay PERFORATIONS _____ ROUNDS/FT. 2051 2401 Gravel, boulders, sand 2401 2551 Gravel, sand clay CASING ELEVATION 458.44 Clay, w/gravel 2551 2701 2851 2701 Clay and gravel P M13711 2351 3001 Gravel W5500 3151 3001 Clay and sand Driller: J. Word 3151 3301 Sandy clay S. Lovdahl 3301 3451 Sandy clay and gravel 13 N- 13,711 3451 3601 Blue clay sandy F - 5500 3601 3901 Clay and gravel 3901 1,951 Basalt Clay, gravel, and Rocks 4951 5071

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Gent	RIG HO.	$\sim$		WELL HO.		137 100	The search in the	10.5	1.6-159	17.
	Dint.Lin 3			FORGMAN	672	12/13	3/65	100		10 KH 3 12 3 12 1
		Silver S. Loudahl			-E6P	0800 - 2000			COMPLETION OF C	
	1'IMIE	DEPTH	TIME	/4 · ING DEPTH	TYPE SOIL	20100-	0800	ovii	B FELLANAY	1
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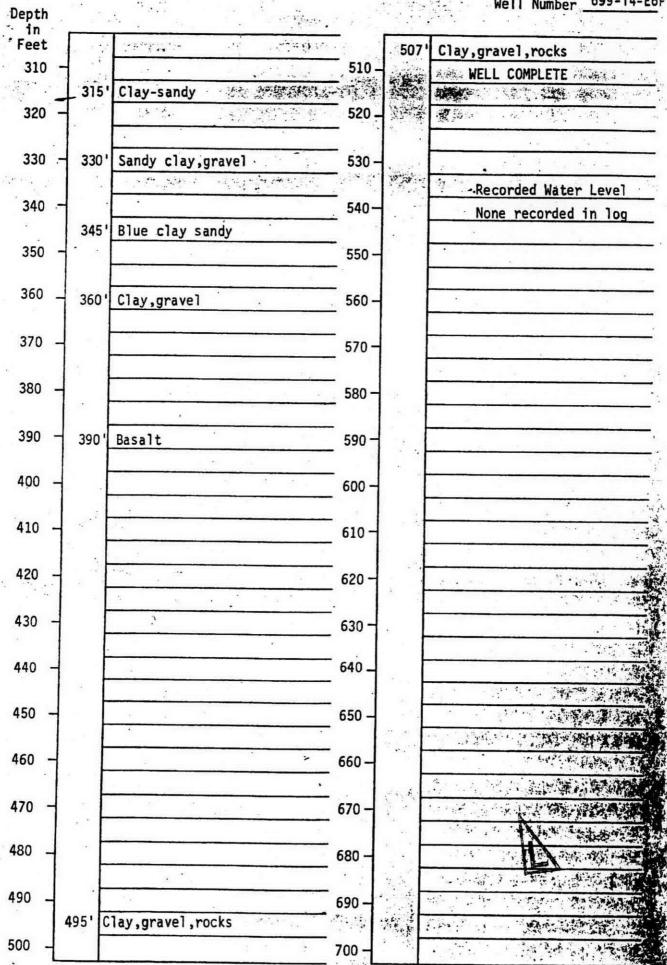
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TIME	DEPTH	TIME	I N G	TYPE SOIL	JOW -	0700	OTHER DELAYS	100
10930	421'			Baselt			EN ENOW.	
2400	430'	38.6		Basel-		Haul	Water 2ho	
<b>&gt;</b>				12/21/65				
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Query HWIS again

### **HWIS Interface - Survey Information - Horizontal**

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNITS
A8311	699-14-E6P	UNKNOWN	NAD83	01/01/1801	CONVERTED	127703.282	591594.43	m

	SURVEY DAT	A REPORT				quest No. 3-268	
`ct No.	Title: Well Decommissioning A8311 /699-14-E6P File No. 6AT11R28						
Job No. 65400811.122540	Prepared By Tim Johnson	Date 5/30/2007		Reviewer			Page 1 of 2
	DESCRIPTION OF WORK	DISTRIBUTION		SDR	PLOT	DWG	
C I la acti	on for A8311. If found, fill out WAI	Report. If not found.	Survey	File	OR		
set hub and lath.	Fake photo.		B. Hov	vard	1		
Coordinate System	n: US State Plane 1983		C. Wri	ght	1		
Zone:	Washington South 4602		G. Kel	ty	1		
Project Datum:	NAD 1983 (Conus)		E. Rafi	ise	1		
Vertical Datum:	Geoid Model: Geoid03				1		·
Units:							

SURVEY RESULTS AND COMMENTS

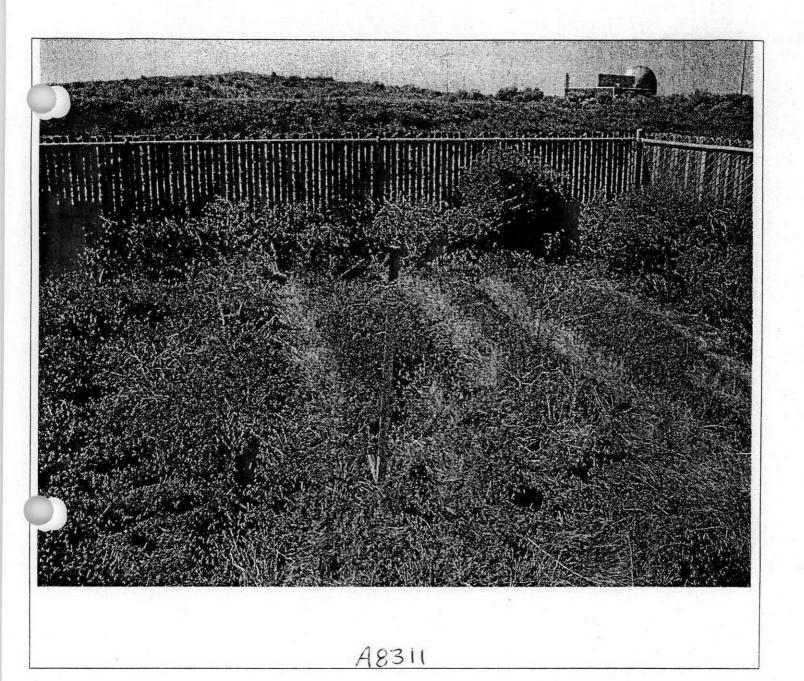
Well ID# A8311 was not found at the listed coordinates: N127703.28 E591594.43

Set hub and lath.

Took photo.

ipment Used: Trimble 5800 GPS Receiver, RTK

NOTE: This Survey was performed under the supervision of a Licensed Professional Land Surveyor registered in the State of Washington.



Surv		CLID	VEV DEOLIEST			Request No.	1
Scar	1	50R	EVEY REQUEST			0 7 3 - 0 2 6	8
Project N	Vo.	Title				File No.	1 _
		Well Decommissioning	: Energy Northwest Pla			6 A T I I R 2	8
. مار No.		Requested By		Phone		Date Required	
	1.1225400 CA10	Bonnie Howard		373-3935 /	366-6173	ASAP	
Field Co			Organization	Phone	,	Location	
Ed Rafus	se		FH	373-5941 /		MO413 / 107 / 200E	
		EFERENCE DOCUMEN	rs		SYSTEM	DISTRIBUTION	
QMAP F	Plot & HWIS Coord	inate List		☐ Lambe	rt	Survey File B.J. Howard	+
				Area		E.C. Rafuse	1
				☐ Geogra	phic	G.G. Kelty	1
		LOCATION OF WORK			ONDITIONS	W.D. WEBBER	1
ENW PI	ant #1 & #4/ 600A (	See Sketch)		SWP Mask			+
				Operat	òr		1
					ion Entry		
			SPECIAL INSTR	UCTIONS			
		•					
ITEM			DESCRIPTI	ON OF WORK			
1.	Stake or locate we	lls in support of Well Dec	ommissioning. If found	, obtain informatio	n for WAR rep	ort.	
·	337-H- 48227 A	3257, A8274, A8286, A83	04 A 8308 A 8309 A 83	10 A8311 A8312	A8313 A833	6 A8337 & A8347	
	Wells: A8227, A	5231, A6214, A6260, A63		10,710511,710512	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	-	
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#### A8311 699-14-E6P

599-14-E6P

Location: N13711, E5507 12/28-33R1
Casing Elevation: 458.44
Muc rotary & coring (basalt only), drilled by
Word & Lovdahl of Pitcher Drilling Company
for BNWL, 1966, groundwater monitoring

torehole

Material (1)	Th ickness	Depth		
Sand w/gravels	. 45 . 15	45 60 75		· · · · · · · · · · · · · · · · · · ·
Gravels, very coarse & boulders. Gravel & boulders	. 15	105	F2	Pa
Gravel, boulders, & sand	30	135 142		Prej
Gravel, boulders, sand-cemented Cemented gravel	. 8	150		M.A M.A Prepared Contri
Cemented gravel & boulders Gravel & boulders	. 15 . 15	165 180		2 8 9 2 EEE
Gravel & some clay at 188-190 ft	. 15	195	i in	ANFORD WELLS NL_8800 UC-903 Chamness & J.K. Merz August 1993 or U.S. Dept of Energy of DE-AC06-76RLO 18 ab by Battelle Memoria
Gravel & boulders	. 10	205	に に.	FORD WEI 28800 UC- lamness & J. August 1993 August 1993 U.S. Dept of DE-AC06-76 by Battelle N
Clay w/gravels	. 15	270 280	• • •	WELLS UC-903 B. & J.K. M 1993 ppt of Ener 06-76RLO celle Memo
Gravel, very coarse gravel at 280 ft	. 25	305		LS O3
Clay & sand	. 10	315 330		iz y un 1830
Sandy clay w/gravels	. 15	345 360		der
Clay & gravels	. 43	434	R	utc
Basalt & blue clay	. 11	445 459		
Basalt w/reddish brown in color Basalt	. 15	474		
Clay w/gravel & rocks Basalt boulder clay w/gravel	. 19	495		
& rocks	• · · 5	500	E	

### **Available Documents:**

Well ID	Document Number	Document Type	Date	Description	Rev
Well ID:	A8311, Well Name:	699-14-E6P			
A8311	- No information ava	ailable			

Query HWIS again

### **HWIS Interface - Well History Information - Drilling**

WELL_ID	WELL_NAME	DRILL_DATE	START_CARD_NUMBER	DRILL_DEPTH	DRILL_DEPTH_UNITS	COMMENTS	SOURCE	DATE_OF_SOU
A8311	699-14-E6P	01/08/1966		507	ft		WELL CONSTRUCTION & COMPLETION SUMMARY/ ASBUILT	09/13/1994

### **WELL ATTRIBUTES REPORT**

WELL ID	A8312		NORTHING	127714.872 FIELD ORDER NO	)
WELL NAME	699-14-E6Q		EASTING	591594.395 LAST INSPECTIO	·
HOST WELL ID	033 1 7 E0Q		ELEVATION	140.618 CONST DATE	1/26/1966
GW OPERABLE UNIT	300-FF-5		DRILL DATE	1/26/1966 CONST DEPTH	452
PROGRAMS	300-11-3		DIGILL DAIL	1/20/1900	172
WASTE SITES 50FT					
WM PLAN(S)					·
WASTE STORAGE(S)					
WASIE STORAGE(S)	<del></del>				
LAST IN	ISPECTION INFO	RMATI		CURRENT INSPECTION I	<del></del>
WELL PAD		YES	□ NO 🗹 NE	WELL PAD	YES NO
BRASS SURVEY MARKER	₹	YES	□ NO 🗹 NE		YES NO
MARKER STAMPED WIT	H SURVEY DATA	YES	□ NO 🗹 NE	MARKER STAMPED WITH SURVEY DATA	YES NO
MARKER STAMPED WIT	H WELL ID DATA	☐ YES	□ NO 🗹 NE	MARKER STAMPED WITH WELL ID DATA	YES NO
WELL LABELED WITH W	/ELL ID	☐ YES	☐ NO 🗹 NE	WELL LABELED WITH WELL ID	YES NO
WELL LABELED WITH W	/ELL NAME	☐ YES	☐ NO 🗹 NE	WELL LABELED WITH WELL NAME	YES NO
PROTECTIVE POSTS		☐ YES	□ NO 🗹 NE	PROTECTIVE POSTS	YES NO
REMOVABLE POST IN PI	LACE	☐ YES	□ NO 🗹 NE	REMOVABLE POST IN PLACE	YES NO
WELL LOCK		YES	□ NO 🗹 NE	WELL LOCK	☐ YES ☐ NO
WELL DAMAGED		YES	□ NO 🗹 NE	WELL DAMAGED	YES NO
WELL IS DRY	-	YES	□ NO 🗹 NE	WELL IS DRY	YES NO
PARTED CASING		YES	□ NO 🗹 NE	PARTED CASING	YES NO
BENTONITE IN WELL		YES	□ NO ☑ NE	BENTONITE IN WELL	YES NO
WELL SANDED IN	***	☐ YES	□ NO 🗹 NE	WELL SANDED IN	YES NO
COLLAPSED CASING		YES	□ NO 🗹 NE	COLLAPSED CASING	YES NO
EQUIPMENT IN WELL		☐ YES	□ NO 🗹 NE	EQUIPMENT IN WELL	YES NO
DEBRIS IN WELL		☐ YES	□ NO 🗹 ND	DEBRIS IN WELL	☐ YES ☐ NO
SURFACE EROSION		☐ MAJ	OR 🗹 NE	SURFACE EROSION	MAJOR
		MIN	OR	İ	☐ MINOR
'		☐ NON	IE		□ NONE
LAS	T PUMP INFORM	ATION		CURRENT PUMP INF	ORMATION
		TNICT	TALLED V NO	PUMP ACTIVITY PERFORMED	INSTALLED
PUMP ACTIVITY PERFOR	RMED	1142	INTERN TATION		
PUMP ACTIVITY PERFOR	RMED	=	PECTED		☐ INSPECTED
PUMP ACTIVITY PERFOR	RMED	=	PECTED		
PUMP ACTIVITY PERFOR	RMED	☐ INSI	PECTED		☐ INSPECTED
PUMP ACTIVITY PERFOR	RMED	INSF	PECTED IE		☐ INSPECTED ☐ NONE
PUMP ACTIVITY PERFOR	RMED	INSF	PECTED IE IOVED		☐ INSPECTED ☐ NONE ☐ REMOVED
PUMP ACTIVITY PERFORMED BY		INSF	PECTED IE IOVED LACED	ACTIVITY PEFORMED BY	☐ INSPECTED ☐ NONE ☐ REMOVED ☐ REPLACED
	<b>Y</b>	INSF	PECTED IE IOVED LACED	ACTIVITY PEFORMED BY DATE ACTIVITY PERFORMED	☐ INSPECTED ☐ NONE ☐ REMOVED ☐ REPLACED
ACTIVITY PEFORMED BY	<b>Y</b>	INSF	PECTED IE IOVED LACED AIRED	DATE ACTIVITY PERFORMED	☐ INSPECTED ☐ NONE ☐ REMOVED ☐ REPLACED
ACTIVITY PEFORMED BY DATE ACTIVITY PERFOR	<b>Y</b>	INSF	PECTED  IE IOVED  LACED  AIRED  NO  ND	DATE ACTIVITY PERFORMED PUMP IN WELL	INSPECTED NONE REMOVED REPLACED REPAIRED
ACTIVITY PEFORMED BY DATE ACTIVITY PERFOR PUMP IN WELL	<b>Y</b>	INSF NON REM REP REP	PECTED  IE  IOVED  LACED  AIRED  NO MR	DATE ACTIVITY PERFORMED PUMP IN WELL PUMP TESTED	INSPECTED NONE REMOVED REPLACED REPAIRED YES NO
ACTIVITY PEFORMED BY DATE ACTIVITY PERFOR PUMP IN WELL PUMP TESTED	<b>Y</b>	INSF NON REM REP REP YES	PECTED  IE  IOVED  LACED  AIRED  NO M ND	DATE ACTIVITY PERFORMED PUMP IN WELL PUMP TESTED	INSPECTED NONE REMOVED REPLACED REPAIRED YES NO
ACTIVITY PEFORMED BY DATE ACTIVITY PERFOR PUMP IN WELL PUMP TESTED NEW PUMP	<b>Y</b>	INSF NON REM REP REP YES	PECTED  IE  IOVED  LACED  AIRED  NO M ND	DATE ACTIVITY PERFORMED PUMP IN WELL PUMP TESTED NEW PUMP	INSPECTED NONE REMOVED REPLACED REPAIRED YES NO
ACTIVITY PEFORMED BY DATE ACTIVITY PERFOR PUMP IN WELL PUMP TESTED NEW PUMP PUMP TYPE	<b>Y</b>	INSF NON REM REP REP YES	PECTED  IE  IOVED  LACED  AIRED  NO M ND	DATE ACTIVITY PERFORMED PUMP IN WELL PUMP TESTED NEW PUMP PUMP TYPE	INSPECTED NONE REMOVED REPLACED REPAIRED YES NO
ACTIVITY PEFORMED BY DATE ACTIVITY PERFOR PUMP IN WELL PUMP TESTED NEW PUMP PUMP TYPE PUMP MAKE	Y RMED	INSF NON REM REP REP YES	PECTED  IE  IOVED  LACED  AIRED  NO M ND	DATE ACTIVITY PERFORMED PUMP IN WELL PUMP TESTED NEW PUMP PUMP TYPE PUMP MAKE	INSPECTED NONE REMOVED REPLACED REPAIRED YES NO
ACTIVITY PEFORMED BY DATE ACTIVITY PERFOR PUMP IN WELL PUMP TESTED NEW PUMP PUMP TYPE PUMP MAKE PUMP MODEL PUMP INTAKE DEPTH (fil	Y RMED	INSF NON REM REPP YES YES	PECTED  IE  IOVED  LACED  AIRED  NO MO  NO MO  NO MO	DATE ACTIVITY PERFORMED PUMP IN WELL PUMP TESTED NEW PUMP PUMP TYPE PUMP MAKE PUMP MODEL	INSPECTED NONE REMOVED REPLACED REPLACED REPAIRED  YES NO YES NO YES NO
ACTIVITY PEFORMED BY DATE ACTIVITY PERFOR PUMP IN WELL PUMP TESTED NEW PUMP PUMP TYPE PUMP MAKE PUMP MODEL PUMP INTAKE DEPTH (fil	Y RMED	INSF NON REM REPP YES YES	PECTED  IE  IOVED  LACED  AIRED  NO MO  NO MO  NO MO	DATE ACTIVITY PERFORMED PUMP IN WELL PUMP TESTED NEW PUMP PUMP TYPE PUMP MAKE PUMP MODEL PUMP INTAKE DEPTH (ft)	INSPECTED NONE REMOVED REPLACED REPLACED REPAIRED  YES NO YES NO YES NO
ACTIVITY PEFORMED BY DATE ACTIVITY PERFOR PUMP IN WELL PUMP TESTED NEW PUMP PUMP TYPE PUMP MAKE PUMP MODEL PUMP INTAKE DEPTH (fi	Y RMED	INSF NON REM REPP YES YES	PECTED  IE  IOVED  LACED  AIRED  NO MO  NO MO  NO MO	DATE ACTIVITY PERFORMED  PUMP IN WELL  PUMP TESTED  NEW PUMP  PUMP TYPE  PUMP MAKE  PUMP MODEL  PUMP INTAKE DEPTH (ft)  CURRENT TUBING IN	INSPECTED NONE REMOVED REPLACED REPLACED REPAIRED  YES NO YES NO YES NO
ACTIVITY PEFORMED BY DATE ACTIVITY PERFOR PUMP IN WELL PUMP TESTED NEW PUMP PUMP TYPE PUMP MAKE PUMP MODEL PUMP INTAKE DEPTH (fit	Y RMED	INSF NON REM REPP YES YES	PECTED  IE  IOVED  LACED  AIRED  NO MO  NO MO  NO MO	DATE ACTIVITY PERFORMED  PUMP IN WELL  PUMP TESTED  NEW PUMP  PUMP TYPE  PUMP MAKE  PUMP MODEL  PUMP INTAKE DEPTH (ft)  CURRENT TUBING INI  TUBING SIZE (in)	INSPECTED NONE REMOVED REPLACED REPLACED REPAIRED  YES NO YES NO YES NO
ACTIVITY PEFORMED BY DATE ACTIVITY PERFOR PUMP IN WELL PUMP TESTED NEW PUMP PUMP TYPE PUMP MAKE PUMP MODEL PUMP INTAKE DEPTH (FI LAST TUBING SIZE (in)	Y RMED	INSF NON REM REPP YES YES	PECTED  IE  IOVED  LACED  AIRED  NO MO  NO MO  NO MO	DATE ACTIVITY PERFORMED  PUMP IN WELL  PUMP TESTED  NEW PUMP  PUMP TYPE  PUMP MAKE  PUMP MODEL  PUMP INTAKE DEPTH (ft)  CURRENT TUBING INI  TUBING SIZE (in)  TUBING MATERIAL	INSPECTED NONE REMOVED REPLACED REPLACED REPAIRED  YES NO YES NO YES NO
ACTIVITY PEFORMED BY DATE ACTIVITY PERFOR PUMP IN WELL PUMP TESTED NEW PUMP PUMP TYPE PUMP MAKE PUMP MODEL PUMP INTAKE DEPTH (fit LAST TUBING SIZE (in) TUBING LENGTH (ft) TUBING CONNECTION	Y RMED	INSF NON REM REP YES YES	PECTED  IE  IOVED  LACED  AIRED  NO MR  NO MR  NO MR	DATE ACTIVITY PERFORMED  PUMP IN WELL  PUMP TESTED  NEW PUMP  PUMP TYPE  PUMP MAKE  PUMP MODEL  PUMP INTAKE DEPTH (ft)  CURRENT TUBING INI  TUBING SIZE (in)  TUBING MATERIAL  TUBING LENGTH (ft)	INSPECTED NONE REMOVED REPLACED REPLACED REPAIRED  YES NO YES NO YES NO
ACTIVITY PEFORMED BY DATE ACTIVITY PERFOR PUMP IN WELL PUMP TESTED NEW PUMP PUMP TYPE PUMP MAKE PUMP MODEL PUMP INTAKE DEPTH (fit LAST TUBING SIZE (in) TUBING LENGTH (ft) TUBING CONNECTION	Y RMED :) TUBING INFORM	INSF NON REM REP YES YES	PECTED  IE  IOVED  LACED  AIRED  NO MR  NO MR  NO MR	DATE ACTIVITY PERFORMED  PUMP IN WELL  PUMP TESTED  NEW PUMP  PUMP TYPE  PUMP MAKE  PUMP MODEL  PUMP INTAKE DEPTH (ft)  CURRENT TUBING INI  TUBING SIZE (in)  TUBING MATERIAL  TUBING CONNECTION	INSPECTED NONE REMOVED REPLACED REPLACED REPAIRED  YES NO YES NO YES NO
ACTIVITY PEFORMED BY DATE ACTIVITY PERFOR PUMP IN WELL PUMP TESTED NEW PUMP PUMP TYPE PUMP MAKE PUMP MODEL PUMP INTAKE DEPTH (fi LAST TUBING SIZE (in) TUBING MATERIAL TUBING LENGTH (ft) TUBING CONNECTION LAST MEA	() TUBING INFORM	INSF NON REM REP YES YES	PECTED  IE  IOVED  LACED  AIRED  NO MR  NO MR  NO MR	DATE ACTIVITY PERFORMED  PUMP IN WELL  PUMP TESTED  NEW PUMP  PUMP TYPE  PUMP MAKE  PUMP MODEL  PUMP INTAKE DEPTH (ft)  CURRENT TUBING INI  TUBING SIZE (in)  TUBING MATERIAL  TUBING LENGTH (ft)  TUBING CONNECTION  CURRENT MEASUREMENT	INSPECTED NONE REMOVED REPLACED REPLACED REPAIRED  YES NO YES NO YES NO
ACTIVITY PEFORMED BY DATE ACTIVITY PERFOR PUMP IN WELL PUMP TESTED NEW PUMP PUMP TYPE PUMP MAKE PUMP MODEL PUMP INTAKE DEPTH (fi LAST TUBING SIZE (in) TUBING MATERIAL TUBING LENGTH (ft) TUBING CONNECTION LAST MEA	() TUBING INFORM	INSF NON REM REP YES YES	PECTED  IE  IOVED  LACED  AIRED  NO MR  NO MR  NO MR	DATE ACTIVITY PERFORMED  PUMP IN WELL  PUMP TESTED  NEW PUMP  PUMP TYPE  PUMP MAKE  PUMP MODEL  PUMP INTAKE DEPTH (ft)  CURRENT TUBING INI  TUBING SIZE (in)  TUBING MATERIAL  TUBING LENGTH (ft)  TUBING CONNECTION  CURRENT MEASUREMENT  DEPTH TO WATER(ft)	INSPECTED NONE REMOVED REPLACED REPLACED REPAIRED  YES NO YES NO YES NO
ACTIVITY PEFORMED BY DATE ACTIVITY PERFOR PUMP IN WELL PUMP TESTED NEW PUMP PUMP TYPE PUMP MAKE PUMP MODEL PUMP INTAKE DEPTH (fit) TUBING SIZE (in) TUBING MATERIAL TUBING LENGTH (fit) TUBING CONNECTION LAST MEA	Y RMED  TUBING INFORMATION OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF	INSF NON REM REP YES YES YES	PECTED  IE  IOVED  LACED  AIRED  NO MR  NO MR  NO MR	DATE ACTIVITY PERFORMED  PUMP IN WELL  PUMP TESTED  NEW PUMP  PUMP TYPE  PUMP MAKE  PUMP MODEL  PUMP INTAKE DEPTH (ft)  CURRENT TUBING INI  TUBING SIZE (in)  TUBING MATERIAL  TUBING LENGTH (ft)  TUBING CONNECTION  CURRENT MEASUREMENT  DEPTH TO WATER (ft)  DEPTH TO WATER DATE	INSPECTED NONE REMOVED REPLACED REPLACED REPAIRED  YES NO YES NO YES NO
ACTIVITY PEFORMED BY DATE ACTIVITY PERFOR PUMP IN WELL PUMP TESTED NEW PUMP PUMP TYPE PUMP MAKE PUMP MODEL PUMP INTAKE DEPTH (fit) TUBING SIZE (in) TUBING MATERIAL TUBING LENGTH (ft) TUBING CONNECTION LAST MEA DEPTH TO WATER (ft) DEPTH TO WATER DATE DEPTH TO BOTTOM(ft)	Y RMED  TUBING INFORMATION OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF	INSF NON REM REP YES YES YES	PECTED  IE  IOVED  LACED  AIRED  NO MR  NO MR  NO MR	DATE ACTIVITY PERFORMED  PUMP IN WELL  PUMP TESTED  NEW PUMP  PUMP TYPE  PUMP MAKE  PUMP MODEL  PUMP INTAKE DEPTH (ft)  CURRENT TUBING INI  TUBING SIZE (in)  TUBING MATERIAL  TUBING LENGTH (ft)  TUBING CONNECTION  CURRENT MEASUREMENT  DEPTH TO WATER DATE  DEPTH TO BOTTOM(ft)	INSPECTED NONE REMOVED REPLACED REPLACED REPAIRED  YES NO YES NO YES NO
ACTIVITY PEFORMED BY DATE ACTIVITY PERFOR PUMP IN WELL PUMP TESTED NEW PUMP PUMP TYPE PUMP MAKE PUMP MODEL PUMP INTAKE DEPTH (ft) TUBING SIZE (in) TUBING MATERIAL TUBING LENGTH (ft) TUBING CONNECTION LAST MEA DEPTH TO WATER (ft) DEPTH TO BOTTOM (ft) DEPTH TO BOTTOM DAT	Y RMED  TUBING INFORMATION OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF	INSF NON REM REP YES YES YES	PECTED  IE  IOVED  LACED  AIRED  NO MR  NO MR  NO MR	DATE ACTIVITY PERFORMED  PUMP IN WELL  PUMP TESTED  NEW PUMP  PUMP TYPE  PUMP MAKE  PUMP MODEL  PUMP INTAKE DEPTH (ft)  CURRENT TUBING INI  TUBING SIZE (in)  TUBING MATERIAL  TUBING CONNECTION  CURRENT MEASUREMENT  DEPTH TO WATER (ft)  DEPTH TO BOTTOM (ft)  DEPTH TO BOTTOM DATE	INSPECTED NONE REMOVED REPLACED REPLACED REPAIRED  YES NO YES NO YES NO

### **WELL ATTRIBUTES REPORT**

699-14-E6Q		127714.872	FIELD ORD	PEK NU	
	EASTING	591594.395	LAST INSP	ECTION $1/1/18$	01
)	ELEVATION	140.618	CONST DA	TE 1/26/1	966
UNIT 300-FF-5	DRILL DATE	1/26/1966	CONST DE	PTH 452	
			_		
50FT					
GE(S)					
	WELL ATTR	RIBUTE COMMEN	ITS		
		· · · · · · · · · · · · · · · · · · ·	CONNECTION	THICKNESS/UNIT	
0/440/ft	CARBON STEEL	INNEK			N
	SCREEN	INFORMATION			
TOP/BOT/UNITS	MATERIAL	1	YPE	SLOT SIZE/UNIT	REMOVED
440/450/ft		PIF	E SIZE		N
	PERFORATI	ON INFORMATI	ON		
ZE/UNITS T	PERFORATI OP/BOT/UNITS	·- · · · - · · · · · · · · · · · · · ·	ON CUTS/FT/ROUND		REMOVED
	TOP/BOT/UNITS 0/440/ft TOP/BOT/UNITS	CASING  TOP/BOT/UNITS MATERIAL  0/440/ft CARBON STEEL  SCREEN  TOP/BOT/UNITS MATERIAL	CASING INFORMATION  TOP/BOT/UNITS MATERIAL TYPE  0/440/ft CARBON STEEL INNER  SCREEN INFORMATION  TOP/BOT/UNITS MATERIAL TYPE	WELL ATTRIBUTE COMMENTS  CASING INFORMATION  TOP/BOT/UNITS MATERIAL TYPE CONNECTION O/440/ft CARBON STEEL INNER  SCREEN INFORMATION  TOP/BOT/UNITS MATERIAL TYPE	WELL ATTRIBUTE COMMENTS  CASING INFORMATION  TOP/BOT/UNITS MATERIAL TYPE CONNECTION THICKNESS/UNIT 0/440/ft CARBON STEEL INNER  SCREEN INFORMATION  TOP/BOT/UNITS MATERIAL TYPE SLOT SIZE/UNITS

k Not Designated 9/7/2007 DACE 2 of

## Well ID A8312 Well Name 699-14-E6Q Inspection ID: 3394 Inspection Date: 01/01/1801

INSPECTION IN	NFORMATION	PUMP INFORMATION				
Well Pad	「Yes 「No F ND*	Pump Activity Performed				
Brass Survey Marker	☐ Yes ☐ No ☐ ND*	Activity Performed By	ND*			
Marker Stamped w/Survey Data	□ Yes □ No □ ND*	Date Activity Performed				
Marker Stamped w/Well ID Data	「Yes 「No ▼ ND*	Pump Tested	□ Yes □ No □ ND*			
Well Labeled w/Well ID	☐ Yes ☐ No ☑ ND*	New Pump	☐ Yes ☐ No ☑ ND*			
Well Labeled w/Well Name	「Yes □ No ☑ ND*	Pump Type	ND*			
Protective Posts	☐ Yes ☐ No ☐ ND*	Pump Make	ND*			
Removable Posts in Place	Г Yes Г No ☑ ND*	Pump Model	ND*			
Well Lock	☐ Yes ☐ No ☐ ND*	Pump Intake Depth (ft)				
Well Damaged	☐ Yes ☐ No ☞ ND*	TUBING IN	FORMATION			
Well is Dry	☐ Yes ☐ No ☞ ND*	Tubing Size (in)				
Parted Casing	☐ Yes ☐ No ☐ ND*	Tubing Material	ND*			
Bentonite in Well	「Yes 「No ▼ ND*	Tubing Length				
Well Sanded In	Yes    No    ND*	Tubing Connection	ND*			
Collapsed Casing	「Yes □ No ☑ ND*					
Equipment in Well	「Yes 「No ▼ ND*					
Debris in Well	「Yes 「No ▼ ND*					
Surface Erosion	☐ Yes ☐ No ☑ ND*					
MEASUREMENT	INFORMATION					
A Depth to Water (ft)			8			
Depth To Water Date						
B Depth to Bottom (ft)	451	₩ Depth to Weter	<u> </u>			
Depth to Bottom Date						
C Stick Up (ft)		Bepth to Bottom of	Well bottom of Casing			
D Reference Mark (ft)						
Reference Mark in TOC	☐ Yes ☐ No ☐ ND*	ND* - Not Documented				

MOLTHWEST ENKLYY

# SEE WELL SURVEY REPORT & PHOTO - ELL ON/05/07

### **WELL ATTRIBUTES REPORT**

ELD ORDER NO					LAST INSPECTIO		
WELL ID A8312					NORTHING	127714.8	<del></del>
WELL NAME 699-14-E6	Q		ST DATE	1/26/1966	EASTING	591594.3	95
HOST WELL ID		CONS	ST DEPTH	452	ELEVATION	140.618	
LAST INSPECT	ON INFORMATIO	ON	<del></del>	CU	RRENT INSPECTION IN	FORMATION	· · · · · · · · · · · · · · · · · · ·
WELL PAD	☐ YES	□ NO	☑ ND*	WELL PAD		☐ YES	□ NO
BRASS SURVEY MARKER	☐ YES	□ NO	✓ ND*	BRASS SURVEY	MARKER	YES	
MARKER STAMPED WITH SURVEY DA	TA YES	□ NO	✓ ND*	MARKER STAMP	ED WITH SURVEY DATA	YES	□ №
MARKER STAMPED WITH WELL ID DA	ATA YES		✓ ND*	MARKER STAMP	ED WITH WELL ID DATA	☐ YES	□ NO
WELL LABELED WITH WELL ID	☐ YES	□ NO	✓ ND*	WELL LABELED	WITH WELL ID	☐ YES	□ NO
WELL LABELED WITH WELL NAME	☐ YES	□ NO	✓ ND*	WELL LABELED	WITH WELL NAME	☐ YES	□ NO
PROTECTIVE POSTS	☐ YES	□ NO	✓ ND*	PROTECTIVE PO	)STS	☐ YES	□ NO
REMOVABLE POST IN PLACE	☐ YES	□ NO	✓ ND*	REMOVABLE PO	ST IN PLACE	☐ YES	□ NO
WELL LOCK	☐ YES	□ NO	✓ ND*	WELL LOCK		☐ YES	□ NO
WELL DAMAGED	☐ YES	□ NO	✓ ND*	WELL DAMAGE	)	☐ YES	□ NO
WELL IS DRY	☐ YES	□ NO	✓ ND*	WELL IS DRY		☐ YES	
PARTED CASING	☐ YES	□ NO	✓ ND*	PARTED CASING		☐ YES	□ NO
BENTONITE IN WELL	☐ YES	□ NO	✓ ND*	BENTONITE IN		☐ YES	□ NO
WELL SANDED IN	☐ YES	□ NO	₩ ND*	WELL SANDED	N	☐ YES	□ NO
LLAPSED CASING	☐ YES	□ NO	₩ ND*	COLLAPSED CAS	SING	☐ YES	
QUIPMENT IN WELL	☐ YES	□ NO	✓ ND*	EQUIPMENT IN	WELL	☐ YES	
DEBRIS IN WELL	☐ YES	□ NO	✓ ND*	DEBRIS IN WEL	L	☐ YES	
SURFACE EROSION	☐ MAJOR		Ē	SURFACE EROS	ON .	☐ MAJOR	NONE
		✓ ND*				☐ MINOR	
	INFORMATION			PUMP ACTIVITY	CURRENT PUMP INFO		155
PUMP ACTIVITY PERFORMED	INSTAL		- el	POMP ACTIVITY	PEKFUKMEU	☐ INSTAL	
	REPLAC		✓ ND*			REPLAC	
PUMP TESTED	REMOV		(Ta)	PUMP TESTED		☐ REMOV	□ NO
NEW PUMP	☐ YES	□ NO	✓ ND*	NEW PUMP			
ACTIVITY PEFORMED BY	ND*	U NO	✓ ND*	ACTIVITY PEFO	RMED BY	☐ YES	□ NO
DATE ACTIVITY PERFORMED				DATE ACTIVITY		P	
PUMP TYPE	ND*		<u> </u>	PUMP TYPE			
PUMP MAKE	ND*			PUMP MAKE		·	
PUMP MODEL	ND*		<del></del>	PUMP MODEL		*****	
PUMP INTAKE DEPTH (ft)				PUMP INTAKE D	EPTH (ft)		
TUBING SIZE (in)				TUBING SIZE (i	n)	·	
TUBING MATERIAL	ND*			TUBING MATER	<b>TAL</b>		
'BING LENGTH (ft)				TUBING LENGT	f (ft)		
JBING CONNECTION	ND*			TUBING CONNE	CTION		
1				<u> </u>			

### **WELL ATTRIBUTES REPORT**

WELL ID WELL NAME HOST WELL ID					LAS	ST INSPECTION	1/1/1801
:	A8312	<del></del>				RTHING	127714.872
HOST WELL ID	699-14-E6Q		CONST DATE	1/26/1966	EAS	STING	591594.395
			CONST DEPTH	452	ELE	VATION	140.618
	14P4 01 P 01	INT THEOREM					
	MEASUREME	ENT INFORMATION	· · · · · · · · · · · · · · · · · · ·		<del></del>		<u> </u>
	_	LAST	CURRENT		┪	<u> </u>	
DEPTH TO WATER(ft)							
DEPTH TO WATER DA	TE	- 10-					<u> </u>
DEPTH TO BOTTOM(ft	:) 451						
DEPTH TO BOTTOM D	ATE						A
STICK UP(ft)							•
REFERENCE MARK(ft)	-						
REFERENCE MARK IS	TOC YES	5 □ NO ☑ ND*	☐ YES ☐	vo			B
<u> </u>	1 1		_ ILV U	<del></del>			
	PERFORATI	ON INFORMATION	•				
CASING SIZE TOP	BOTTOM	CUTS/FT/ROUND			<b>■</b> Dent	h to Water	
					# ===	1	•
HANGES				—	- Depth t	o Bottom of We	
				-   1			to Bottom of Casir
				A DEPT	TH TO WATER	R FROM TOP OF CA	ASING
						M OF WELL FROM	
	CASTNG	INFORMATION				TO GROUND SURF. TO SURVEY REFER	
				<u> </u>			
	BOTTOM	MATERIAL	TYPE INNER	CONN	IECTION	THICKNESS	
1.5 0	440	CARBON STEEL	INNER				
HANGES							
	i					<u></u>	
<u> </u>	<del></del>		<u> </u>		<del></del>		***
	SCREEN	INFORMATION					_
	воттом	MATERIAL		TYPE		SLOT SIZE	
	450			PIPE SIZE			
<b>SIZE TOP</b> 1.5 440							_
1.5 440							

WELL NAME	COORDINATES		DRILL DEPTH COMPL DEPTH		PERF/S	SCREEN		COMMENTS
WELL TYPE PUMP TYPE	L 83 PLANT NS/EW NS/EW	WELL_DTAM DATE_COMPL	DEPTH_WATER	TYPE	DIAM	TOP	BOT	PREVIOUS WELL NAMES
699-13-13B	13257.00	539.00	140.0					SEISMIC SHOT HOLE FILLED
SW	-13105.00							SP. 1-2 GSI
699-13-26	13092.00		820.0					4" PLASTIC LINER
GW	-26479.00	6.0 2/81	214.0 115.0					GOLDER S-14
699-13-28A GW		6.0 12/81	135.0					
699-13-28B VW		6.0 12/81				•		
699-13-64	12596.00		167.5 156.0	P	8.0	120.0	147.0	PLUG AT 156
GW B	-63975.00	10/50	120.0					12.5-64.0, USGS
699-1 <b>4-</b> E6P GW	13711.00 5507.00		507.0 500.0	P	1.5	490.0	500.0	
699-14-E6Q GW	13749.0 5507.0		452.0 450.0 71.0	s	1.5	440.0	450.0	ELEPHANT MOUNTAIN INTERFLOW ZONE
699-14-E6R GW		Hanford We PNL-8800 U	C-903	<del></del>	,5	377.0	387.0	
699 <b>-14</b> -E6S Gw		A. Chamness & August 199 d for U. S. Dept o	93		, 5	284.0	294.0	
699-14-E6T GW	Con	tract DE-AC06-7 Lab by Battelle	6RLO 1830	ute	.5	110.0	120.0	SINGLE PIEZOMETER HOLE, BENT OVER, NO LONGER USED
B	13800.0		114.0					
699-14 <b>-</b> E4 SW	4000.0							1C-SP-11
699-14-E3A	13900.0		88.0					DESTROYED
AB	2860.0	12/74	82.0					CB-2

∝uery HWIS again

### HWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNITS	QUALIFIER
A8312	699-14-E6Q	UNKNOWN	NAD83	01/01/1801	CONVERTED	127714.872	591594.395	m	

	SURVEY DATA REPORT							
inct No.	Title: Well Decommissioning A8312 699-14-E6Q							
Job No. 65400811.122540	Prepared By Tim Johnson	Date 6/8/2007	R	Reviewer 54W			Page 1 of 2	
	DESCRIPTION OF WORK		DISTRIBU	JTION	SDR	PLOT	DWG	
Survey well locati	on for A8312. If found, fill out WAR	Report. If not found,	Survey Fil	е	OR			
set hub and lath.		,	B. Howard	1	1			
Coordinate System	n: US State Plane 1983		C. Wright	-	1			
Zone:	Washington South 4602		G. Kelty		1			
Project Datum: Vertical Datum:	NAD 1983 (Conus) NAVD 1988		E. Rafuse	<del></del>	1			
Geoid Model:	Geoid03		W. D. We	bber	1			
	Meters				<del>                                     </del>	<del></del>		

#### SURVEY RESULTS AND COMMENTS

Well ID# A8312 was not found at the listed coordinates: N127714.87 E591594.40

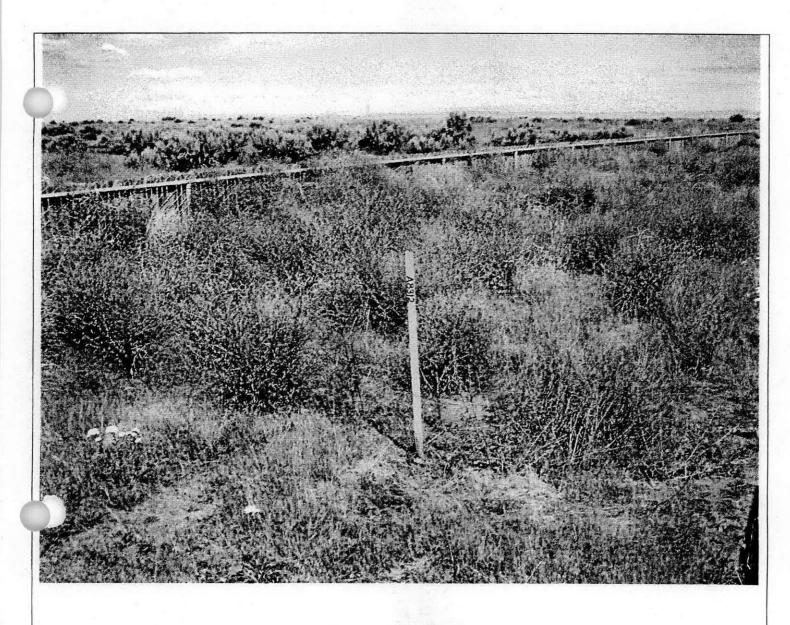
Set hub and lath.

See Photo

"uipment Used: Trimble 5800 GPS Receiver, RTK

E: This Survey was performed under the supervision of a Licensed Professional Land Surveyor registered in the State of Washington.

Survey					Request No.	
Scan		RVEY REQUEST			0 7 3 - 0 2 6	8
Project No.	Title			,	File No.	
		: Energy Northwest Plan			6 A T 1 1 R 2	8
Τυυ Νο.	Requested By		Pho	ne	Date Required	
65400811.1225400 CA10	Bonnie Howard		373-	-3935 / 366-6173	ASAP	
Field Contact		Organization	Pho	ne	Location	
Ed Rafuse		FH	373-	-5941 / 539-3859	MO413 / 107 / 200E	
	REFERENCE DOCUMEN	TS		GRID SYSTEM	DISTRIBUTION	
QMAP Plot & HWIS Coord				Lambert	Survey File	
				Plant	B.J. Howard	1
			. —	Area	E.C. Rafuse	1.
	LOCATION OF WORK		11/0	Geographic  RK CONDITIONS	G.G. Kelty	1
ENW Plant #1 & #4/ 600A				SWP	W.D.WEBBER	+
DIAM LIMITAL MAY OCCUR.	(Dec Droteil)			Mask .		<del>- </del>
				Operator		
				Exclusion Entry		
		SPECIAL INSTRU	JCTIONS		· · · · · · · · · · · · · · · · · · ·	
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ITEM		DESCRIPTION	ON OF WO	RK		
	ells in support of Well Dec				ort	
1. Stake of locate W	.8257, A8274, A8286, A83		<del>/</del>		<u> </u>	
Wells: A8227, A	8257, A8274, A8286, A83	04, A8308, A8309, A831	10, A8311, <i>i</i>	A8312, A8313, A833	6, A8337 & A8347.	
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Prepared By		Date		Reviewed By		
N.P. Fastabend		4/24/07				
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Lead Surveyor/Crew						
3223#						
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Late:	Signature:					



A8312/699-14-EGQ

Query HWIS again

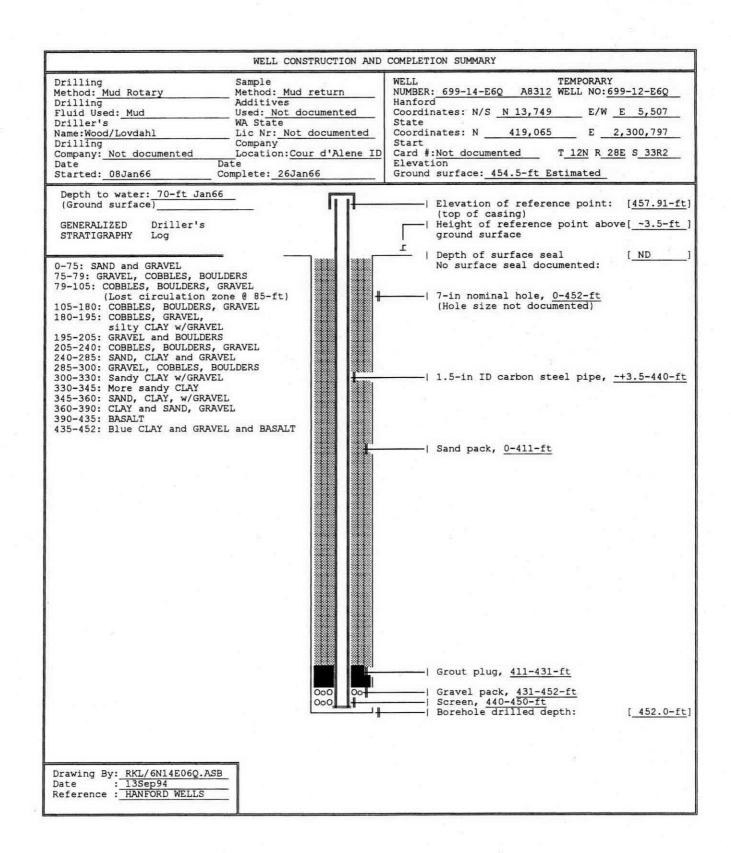
# **HWIS Interface - Well History Information - Drilling**

WELL_ID	WELL_NAME	DRILL_DATE	START_CARD_NUMBER	DRILL_DEPTH	DRILL_	DEPTH_UNITS	COMMENTS	SOURCE	DATE_OF_SOU
A8312	699-14-E6Q	01/26/1966		452	<b>A</b>			WELL CONSTRUCTION & COMPLETION SUMMARY/ ASBUILT	09/13/1994

Query HWIS again

## **HWIS Interface - Survey Information - Vertical**

WELL ID	WELL_NAME	SURVEY_CONTRACTOR	SURVEY_DATE	MEASUREMENT_METHOD	ELEVATION	SURVEY_UNITS QUAL
A8312	699-14-E6Q	HEIS	01/08/1966	CONVERTED	140.618	m



# SUMMARY OF CONSTRUCTION DATA AND FIELD OBSERVATIONS RESOURCE PROTECTION WELL - 699-14-E6Q

WELL DESIGNATION 699-14-E6Q RCRA FACILITY CERCLA UNIT

Not applicable
Not applicable
Not applicable
N 13,749 E 5,507 [HANFORD WELLS]
N 419,065 E 2,300,797 [HANCONV] HANFORD COORDINATES : LAMBERT COORDINATES :

DATE DRILLED Jan66 452.0-ft Not documented DEPTH DRILLED (GS) MEASURED DEPTH (GS):
MEASURED DEPTH (GS):
DEPTH TO WATER (GS):
CASING DIAMETER:
ELEV TOP OF CASING:
ELEV GROUND SURFACE:
PERFORATED INTERVAL:

Not documented 70-ft, Jan66 1J-in, carbon steel,(nominal) ~+3.5-452.0-ft 457.91-ft, [HANFORD WELLS] 454.5-ft, Estimated Not applicable 440-450-ft FIELD INSPECTION, SCREENED INTERVAL COMMENTS OTHER:

AVAILABLE LOGS Driller TV SCAN COMMENTS :
DATE EVALUATED :
EVAL RECOMMENDATION :
LISTED USE : Not applicable Not applicable

Not applicable No water level measurement data;

CURRENT USER None documented None documented PUMP TYPE MAINTENANCE

#### A8312 699-14-E6Q

699-14-E60 Location: N13749, E5507 Casing Elevation: 457.91

12/28-33R2

Mud rotary, drilled by Word & Lovdahl of Pitcher Drilling Company for BNWL, 1966, groundwater monitoring borehole

Material (1)	Thickness	Dep th
Sand & gravels	. 75	75
Gravel cobbles-boulders	. 1	76
Gravel cobbles-boulders	. 3	79
Cobbles, boulders & gravel	. 11	90
Gravel boulders & gravel	. 15	105
Gravel & boulders	. 15	120
Cobbles, oculders, & gravel	. 60	180
Cobbles, gravel	. 3	183
Some silty clay w/gravels	. 3	188
Cobbles, gravel		195
Gravel & bolders	. 10	205
Cobbles, boulders, gravel	. 33	238
Sandy clay & gravel	. 15	285
Sand, clay w/gravel	. 32	270
Gravel, cobbles, boulders	. 32	302
Sandy clay w/gravels	. 28	330
Sandy, more clay	. 15	345
Sand clay w/gravels	. 15	360
Clay w/sand & gravels	. 42	402
Pacale	. 42	
Basalt	. 33	435
Blue clay w/gravels	. 14 _	449
Basalt	. 3	452

699-14-E6R

Location: N13787,E5508 12/28-33R3 Casing Elevations: 458.14

Mud rotary, drilled by Word & Lovdahl of Pitcher Drilling Company for BNWL, 1966, groundwater monitoring borehole

Material (1)	Thickness	Dep th
Sand & gravel	. 60	60
Sand & gravels, few cobbles	. 15	75
Boulders, cobbles, & gravels	. 38	113
Cobiles, boulders, gravel	. 82	235
Cobbles, boulders, gravel, & clay	y. 1	236
Gravel & clay	. 49	285
Cobbles & gravel	. 10	295
Cobbles & boulders & gravel;	. 4	299
Sandy clay W/gravels	. 91	390

Pacific NW Lab by Battelle Memorial Institute Prepared for U.S. Dept of Energy under Contract DE-AC06-76RLO 1830 M.A. Chamness & J.K. Merz August 1993

HANFORD WELLS PNL-8800 UC-903

4			MONITORIN	IG NETWORK	A8312		
D WELL -	PIEZOMETER	CLUS*	TER	WELL HUMBER 699 -		OPEN INTERVAL 4	140-45
COORDINATES:		3149 5507		PERFORATED USCREENED		METER :	1,5
				DATE URILLED:		1/66	
CASING	BOTTOM	DRILLED	DEPTH TO WATER (FEET)	COMMENTS: SCY	cen 19		
457.91	4 52	452	70	grave I Pack	152-9	31.,900	+ 431-911
WELL DATA AVAILABLE			RECOMMEND	ED		WELL LOG IN	FORMATION
DRILLER'S LOG:			REPAIRS:	ره د د		PEET	
CORE:				Maple		1	sand E
WATER TABLE:	v	T .		02		+	qrasel
RADIONUCLIDE:	2-4					100	
CHEMISTRY:	7			7.75		+	quarel
WELL	CONDITION	ν.				1	Ę
FIELD LOCATED:	= 52425 20456-		9 2 2	G	N/	- 5, H7 =	lay boulders
MARKED:	4					180-19	15
CAPPED:						4	- X = 2
CLEANED:		*				1	SA- ky
SCREEN OR PERFORATION CO	NDITION:	- W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B. W. B	RECOMMENDE MAINTENANCE	(4.50)		•• 🛨	5/1
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WATER SAMPLE REPRESENTS :	- 10 P			2	5	∞ <u>†</u>	
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699-14-FGG

A-7600-059 (9-60)				WELL NO.	- <b>- 14-</b> E6-0	SHEET NO.	
PHONE I CAL DATA	I		W E L L	L O G		(%)	TERIAL
The second second	FROM FT.	TO FT.		FROM FI.	10		180104
WELL DEPTH 452'	1	751	Sand and gravel			- v - v - v - v - v - v - v - v - v - v	**
	75*	79*	Gravel, cobbles, boulde				<del></del>
DEPTH TO WATER	721	1.05	Cobbles, boulders, grav				· · · · · · · · · · · · · · · · · · ·
FT. OF CASING 450	1051	1601	Cobbles, boulders, grav	el		<del></del>	- 17
PERFORATED	1801	195	Cobbles, gravel, silty	clay w/gr	vel		
PERFORATED 440 TO 450	1951	2051	Gravel and boulders				- H 2
PERFORATIONS ROUNDS/FT.	2051	2401	Cobbles, boulders, grav	€1			waste fin t
CASING ELEVATION 457.91	2401	2851	Sand, clay, and gravel	* 2	N. 1		· · · · · · · · · · · · · · · · · · ·
CASING ELEVATION 45 / · 7(	2851	3001	Gravel, cobbles, boulde	rs		74.94	
P: 113750	300*	3301	Sandy clay w/gravel				
1/5500	3301	3451	Sandy - more clay		1. 164. 1	'ar	
	345	3601	Sand, clay, w/gravel				* * * * * * * * * * * * * * * * * * * *
Driller: J. Word	3601	3901	Clay and sand, gravel	*		·	
S. Lovdahl	3901	4351	Basalt			7-	No. o
	4351	4521	Blue clay and gravel an	d basalt		*	
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3:30	15'			SAND + GRAVE	ls			
425	30'		W.	SAND - GRAVE		1.75%		
5:00	451			SAND + GRAVE				
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osco 🌲	215	-		Cobbles B	relders 6	enue.	New bits	205m	1220
(300	225'		7	Cobbles 13	ichders-	CAUE/	Deilling	15 Sloce	· L Rough
16.30	240	. ***		Cobbles 13	oulders-	FRAUEL			
-14	, ,	11	238	SANdy Clas			DOLUN	REPAR	Chains
17:16	255	t c		SANDY Char	1/1			15/30	
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#### **WELL ATTRIBUTES REPORT**

FIELD ORDER NO LAST INSPECTION 1/1/1801 WELL ID A8313 NORTHING 127726.463 **WELL NAME** 699-14-E6R **CONST DATE** 2/2/1966 **EASTING** 591594.665 **HOST WELL ID CONST DEPTH** 390 **ELEVATION** 140.688 **CURRENT INSPECTION INFORMATION** LAST INSPECTION INFORMATION WELL PAD WELL PAD ☐ YES ☐ NO ✓ ND* ☐ YES ☐ NO BRASS SURVEY MARKER BRASS SURVEY MARKER □ NO ☐ NO YES ✓ ND* ☐ YES MARKER STAMPED WITH SURVEY DATA MARKER STAMPED WITH SURVEY DATA YES ☐ NO ✓ ND* YES ☐ NO MARKER STAMPED WITH WELL ID DATA MARKER STAMPED WITH WELL ID DATA □ NO ✓ ND* YES YES NO WELL LABELED WITH WELL ID WELL LABELED WITH WELL ID ✓ ND* □ NO YES YES NO WELL LABELED WITH WELL NAME WELL LABELED WITH WELL NAME ☐ NO ✓ ND* YES YES NO PROTECTIVE POSTS PROTECTIVE POSTS YES NO ✓ ND* YES NO REMOVABLE POST IN PLACE REMOVABLE POST IN PLACE ☐ NO ✓ ND* YES YES NO WELL LOCK WELL LOCK ☐ NO ✓ ND* ☐ YES YES NO WELL DAMAGED WELL DAMAGED YES □ NO ✓ ND* YES NO WELL IS DRY WELL IS DRY □ NO ✓ ND* YES YES NO PARTED CASING PARTED CASING ☐ NO ✓ ND* YES YES NO BENTONITE IN WELL BENTONITE IN WELL ✓ ND* NO. YES YES NO WELL SANDED IN **WELL SANDED IN** □ NO ✓ ND* YES YES NO COLLAPSED CASING COLLAPSED CASING ☐ NO ✓ ND* ☐ YES YES NO **EQUIPMENT IN WELL EQUIPMENT IN WELL** YES ☐ NO ✓ ND* YES NO **DEBRIS IN WELL DEBRIS IN WELL** YES NO ✓ ND* YES NO SURFACE EROSION SURFACE EROSION ☐ MAJOR ☐ NONE ☐ MAJOR ☐ NONE ☐ MINOR ✓ ND* ☐ MINOR LAST PUMP INFORMATION **CURRENT PUMP INFORMATION** PUMP ACTIVITY PERFORMED PUMP ACTIVITY PERFORMED INSTALLED INSTALLED ✓ ND* REPLACED REPLACED REMOVED REMOVED **PUMP TESTED PUMP TESTED** YES YES □ NO ✓ ND* □ NO **NEW PUMP NEW PUMP** YES ☐ NO ✓ ND* ☐ YES NO ACTIVITY PEFORMED BY ND* **ACTIVITY PEFORMED BY** DATE ACTIVITY PERFORMED DATE ACTIVITY PERFORMED **PUMP TYPE** ND* **PUMP TYPE** ND* PUMP MAKE PUMP MAKE PUMP MODEL ND* PUMP MODEL PUMP INTAKE DEPTH (ft) PUMP INTAKE DEPTH (ft) TUBING SIZE (in) TUBING SIZE (in)

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#### **WELL ATTRIBUTES REPORT**

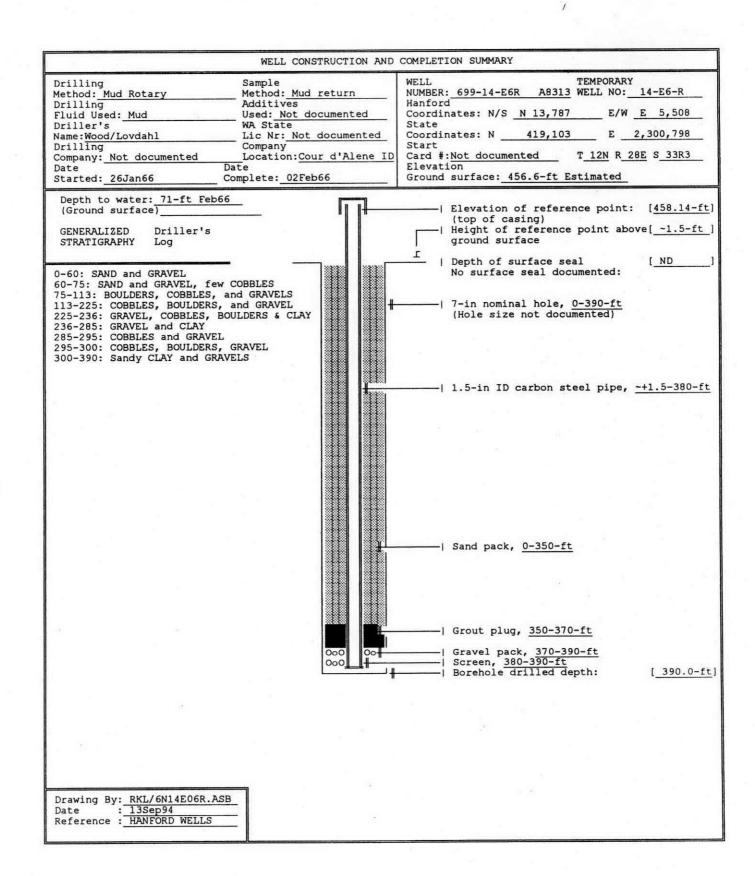
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WELL ID	A83		No.		0/0//		RTHING	127726	
WELL NAME	699	-14-E6R		ONST DATE	2/2/1966	- 1078	STING EVATION	591594 140.688	
HOST WELL ID				ONST DEPTH	390	CLI	TANITON	140.000	,
	MEA	SUREME	NT INFORMATION			$\vdash$	† _n ↑ ↑		
			LAST	CURRENT		h I—	<u> </u>		
DEPTH TO WAT	TER(ft)								
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DEPTH TO BOT	TOM DATE							Α .	
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REFERENCE MA	ARK(ft)								
REFERENCE MA	ARK IS TOC	YES	□ NO ✓ ND*	☐ YES ☐	NO			В	
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CASING SIZE	TOP	ROTTOM	CUTS/FT/ROUND				NA N. SEMETRAL		
CASING SIZE	IOF	DOTTON	COTS/TT/ROOMS			₩ Dept	th to Water		
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## Well ID A8313 Well Name 699-14-E6R Inspection ID: 3395 Inspection Date: 01/01/1801

INSPECTION IN	NFORMATION	PUMP INFORMATION					
Well Pad	□ Yes □ No □ ND*	Pump Activity Performed					
Brass Survey Marker	☐ Yes ☐ No ☐ ND*	Activity Performed By	ND*				
Marker Stamped w/Survey Data	☐ Yes ☐ No ፫ ND*	Date Activity Performed					
Marker Stamped w/Well ID Data	□ Yes □ No □ ND*	Pump Tested	□ Yes □ No □ ND				
Well Labeled w/Well ID	☐ Yes ☐ No ☑ ND*	New Pump	☐ Yes ☐ No ☑ ND'				
Well Labeled w/Well Name	☐ Yes ☐ No ☑ ND*	Ритр Туре	ND*				
Protective Posts	□ Yes □ No □ ND*	Pump Make	ND*				
Removable Posts in Place	☐ Yes ☐ No ☑ ND*	Pump Model	ND*				
Well Lock	☐ Yes ☐ No ፫ ND*	Pump Intake Depth (ft)					
Well Damaged	☐ Yes ☐ No ☐ ND*	TUBING IN	FORMATION				
Well is Dry	☐ Yes ☐ No ☐ ND*	Tubing Size (in)					
Parted Casing	☐ Yes ☐ No ☐ ND*	Tubing Material	ND*				
Bentonite in Well	Г Yes Г No F ND*	Tubing Length					
Well Sanded In	Г Yes Г No F ND*	Tubing Connection	ND*				
Collapsed Casing	□ Yes □ No □ ND*		<del></del>				
Equipment in Well	Г Yes Г No F ND'						
Debris in Well	☐ Yes ☐ No ☐ ND						
Surface Erosion	☐ Yes ☐ No ☑ ND	<u> </u>					
MEASUREMENT	INFORMATION	] ]]]]					
A Depth to Water (ft)			В				
Depth To Water Date	1						
B Depth to Bottom (ft)	390	▼ Depth to Weter	1				
Depth to Bottom Date							
C Stick Up (ft)	_	Depth to Bottom of	f Well epth to Bottorn of Casing				
D Reference Mark (ft)	"		15.				
Reference Mark in TOC	☐ Yes ☐ No ☐ ND	* ND* - Not Documented					

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WELL NAME	COOR	DINATES	CASING ELEV	DRILL_DEPTH	PERF/	SCREEN		COMMENTS
WELL TYPE		PLANT NS/EW	WELL_DIAM DATE_COMPL	COMPL_DEPTH DEPTH_WATER	TYPE DIAM	TOP	вот	PREVIOUS WELL NAMES
		13257.00	539.00	140.0				SEISMIC SHOT HOLE FILLED
699-13-13B SW		-13105.00	5.0 6/63					SP. 1-2 GSI
699-13-26		13092.00	512.78	820.0				4" PLASTIC LINER
GW		-26479.00	6.0 2/81	214.0 115.0	1,600			GOLDER S-14
699-13-28A GW			6.0 12/81	135.0				¥
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699-13-28B VW			6.0 12/81					
699-13-64		12596.00	552.07	167.5	P 8.0	120.0	147.0	PLUG AT 156
	Hanfor	d Wells		156.0 120.0				12.5-64.0, USGS
		UC-903		507.0	P 1.5	490.0	500.0	
	Augus	ss & J. K. Merz st 1993		500.0				
Prepare	d for U. S. I	Dept of Energy w C06-76RLO 1830	nder )	452.0 450.0	s 1.5	440.0	450.0	ELEPHANT MOUNTAIN INTERFLOW ZONE
		ttelle Memorial I		71.0				
699-14-E6R GW	•	13787.00 5508.00	458.14	390.0 390.0 71.0	P 1.5	377.0	387.0	
699-14-E6S		13830.00 5506.00	457.77	302.0 294.0	P 1.5	284.0	294.0	
GW		5506.00	2/66			*		4
699-14-E6T		13869.00 5500.00		122.0 120.0	s 1.5	110.0	120.0	SINGLE PIEZOMETER HOLE, BENT OVER, NO LONGER USED
В		4	2/66	94.0				
699-14-E4 SW		13800.00	N. Control	114.0				10 on 11
WG			12/74					1C-SP-11
699-14-E3A		13900.00		88.0				DESTROYED
AB		2860.00	12/74	82.0				CB-2



# SUMMARY OF CONSTRUCTION DATA AND FIELD OBSERVATIONS RESOURCE PROTECTION WELL - 699-14-E6R

WELL DESIGNATION 699-14-E6R RCRA FACILITY CERCLA UNIT

Not applicable
Not applicable
Not applicable
N 13,787 E 5,508 [HANFORD WELLS]
N 419,103 E 2,300,798 [HANCONV]

HANFORD COORDINATES : LAMBERT COORDINATES :

DATE DRILLED Feb66 DEPTH DRILLED (GS) 390.0-ft MEASURED DEPTH (GS) : DEPTH TO WATER (GS) : Not documented

Not documented 71-ft, Feb66 11-in, carbon steel,(nominal) ~+1.5-370.0-ft 458.14-ft, [HANFORD WELLS] 456.6-ft, Estimated Not applicable 380-390-ft CASING DIAMETER

ELEV TOP OF CASING : ELEV GROUND SURFACE :

PERFORATED INTERVAL : SCREENED INTERVAL FIELD INSPECTION, COMMENTS

OTHER: AVAILABLE LOGS Driller

Not applicable TV SCAN COMMENTS DATE EVALUATED Not applicable EVAL RECOMMENDATION : Not applicable

No water level measurement data; LISTED USE

CURRENT USER None documented None documented PUMP TYPE MAINTENANCE



Query HWIS again

### **HWIS Interface - Survey Information - Horizontal**

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNIT
A8313	699-14-E6R	UNKNOWN	NAD83	01/01/1801	CONVERTED	127726.463	591594.665	m

# M 8213

	SURVEY DATA R	EPORT				quest No. 3-268		
Project No. N/A	Title: Well Decommissioning A8313	at E at			File No. 6AT11R28			
Job No. 65400811.1225400	Prepared By Tim Johnson	Reviewer				Page 1 of 2		
	DESCRIPTION OF WORK		DISTR	IBUTION	SDR	PLOT	DWG	
Comment well location	on for A8313. If found, fill out WAR Rep	ort. If not found,	Survey	File	OR			
set hub and lath.	ake photo.		B. Hov	ward	1			
Coordinate System	: US State Plane 1983	12	C. Wri	ght	1			
Zone:	Washington South 4602		G. Kel	ty	1			
Project Datum:	NAD 1983 (Conus)	n s	E. Raf	use	1			
Vertical Datum: Geoid Model: Units:	NAVD 1988 Geoid03 Meters	.7	W. D.	Webber	1			

#### SURVEY RESULTS AND COMMENTS

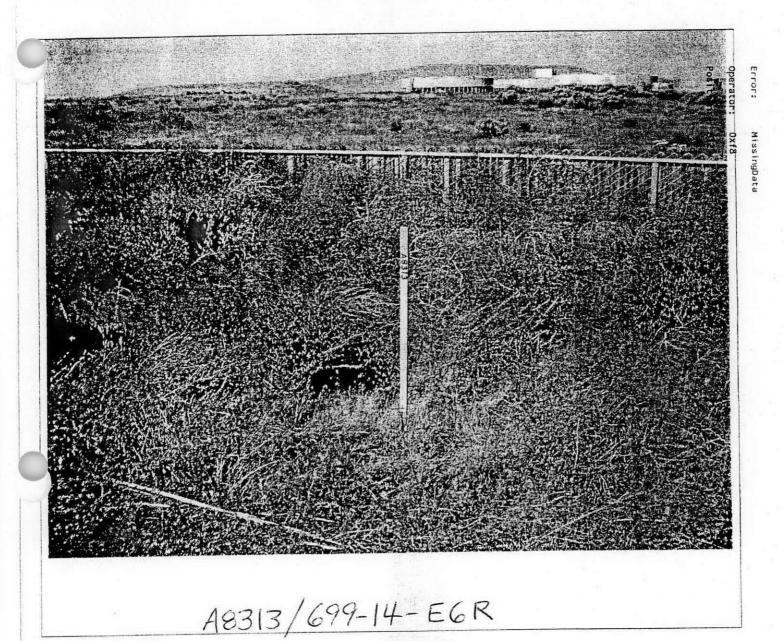
Well ID# A8313 was not found at the listed coordinates: N127726.46 E591594.67

Set hub and lath.

See Photo

Equipment Used: Trimble 5800 GPS Receiver, RTK

NOTE: This Survey was performed under the supervision of a Licensed Professional Land Surveyor registered in the State of Washington.



E-NW-246 (09/04)

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	25400 CA10	Bonnie Howard		373-	3935 / 366-6173	ASAP					
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We	ells: A8227, A	8257, A8274, A8286, A8	304, A8308, A8309, A	18310, A831T,	A8312, A8313, A833	36, A8337 & A	8347.				
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Query HWIS again

### **HWIS Interface - Well History Information - Drilling**

WELL_ID	WELL_NAME	DRILL_DATE	START_CARD_NUMBER	DRILL_DEPTH	DRILL_DEPTH_UNITS	COMMENTS	SOURCE	DATE_OF_SOU
A8313	699-14-E6R	02/02/1966		390	ft		WELL CONSTRUCTION & COMPLETION SUMMARY/ ASBUILT	09/13/1994

# **HWIS Interface - Survey Information - Vertical**

VL_ID	WELL_NAME	SURVEY_CONTRACTOR	SURVEY_DATE	MEASUREMENT_METHOD	ELEVATION	SURVEY_UNITS	QUALIFI
A8313	699-14-E6R	HEIS	01/26/1966	CONVERTED	140.688	m	

699-14-EGR

7600-059 (9-60)			WELL	WELL NO.	14-E6-R	9HEET 1 1
PHOSICAL DATA	FROM FT.	TO FT.	MATERIAL	FROM FT.	TO FT.	MATERIAL
	01	301	Sand and gravel			8 8
VELL DEPTH3901	301	601	Sand and gravel			
EPTH TO WATER 7/	601	751	Sand and gravel few co	B) lon		,
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4.4	113'	2251	Cobbles, boulders, and	gravel	-	i sk
FROM 380 TO 390	2251	2361	Gravel, cobbles, boulde		ay	
ERFORATIONS ROUNDS/FT.	2361	2851	Gravel and clay			
	2851	2951	Cobbles and gravel			
ASING ELEVATION 458.14	2951	3001	Cobbles, boulders, grav	dl		2
	3001	3901	Sandy clay and gravels			*
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699-14-E6Q

Location: N13749, E5507

12/28-33R2

Casing Elevation: 457.91

Mud rotary, drilled by Word & Lovdahl of Pitcher Drilling Company for BNWL, 1966,

groundwater monitoring borehole

Material (1)		Thickness	Dep th
Sand & gravels		. 75	75
Gravel cobbles-boulders			76
Gravel cobbles-boulders		. 3	79
Cobbles, boulders & gravel		. 11	90
Gravel boulders & gravel		. 15	105
Gravel & boulders		. 15	120
Cobbles, boulders, & gravel .		. 60	180
Cobbles, gravel		. 3	183
Some silty clay w/gravels		. 5	188
Cobbles, gravel		. 7	195
Gravel & bolders		. 10	205
Cobbles, boulders, gravel		. 33	238
Sandy clay & gravel		. 15	285
Sand, clay w/gravel		32	270
Gravel, cobbles, boulders			302
Sandy clay w/gravels		28	330
Sandy, more clay		. 15	345
Sand clay w/gravels	٠.	15	360
Clay w/sand & gravels		42	402
Basalt		33	435
Blue clay w/gravels		14 _	449
Basalt		3	452

699-14-E6R

Location: N13787,E5508 12/28-33R3

Casing Elevations: 458.14

Mud rotary, drilled by Word & Lovdahl of Pitcher Drilling Company for BNWL, 1966, groundwater monitoring borehole

Material (1)	Thickness	Dep th
Sand & gravel	 . 60	60
Sand & gravels, few cobbles	 . 15	75
Boulders, cobbles, & gravels	 . 38	113
Cobbles, boulders, gravel .	 . 82	235
Cobbles, boulders, gravel, &		236
Gravel & clay	 . 49	285
Cobbles & gravel	 . 10	295
Cobbles & boulders & gravel;	 . 4	299
Sandy clay w/gravels	 . 91	390

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